TOSHIBA

Leading Innovation »»

32AV93*B
32/40LV93*B
26/32EL93*B
32/40HL93*B
DIGITAL
Series

IN NEED OF HELP

IF YOU ARE EXPERIENCING ANY DIFFICULTIES PLEASE VISIT
WWW.TOSHIBA.CO.UK/TV-DVD-SUPPORT

OR CONTACT THE TOSHIBA CUSTOMER HELPLINE ON
0844 856 0730

Register your TV online at:
www.toshiba.co.uk/registration

English

Contents

Safety Precautions 5

Installation and important information..... 6

Where to install..... 6
When using a Wall Bracket 6

Digital Switchover 8

The Remote Control 12

Inserting batteries and effective range of the remote 12

Connecting External Equipment..... 13

REGZA-LINK Connections..... 15

Connecting an HDMI or DVI device to the HDMI input..... 16

To connect an HDMI device 16
To connect a DVI device..... 18

Connecting a Computer..... 20

To connect a PC to the HDMI terminal..... 20
Acceptable Video signals through HDMI terminals..... 22
Acceptable PC signals through HDMI terminals..... 22

Digital On-Screen Information and Programme Guide..... 23

Information 23
On-Screen Information Icons 23
Guide..... 23

Frequently Asked Questions... 24

Using the Controls 26

Switching On 27
Using the Remote Control..... 27
Using the Side-Key Controls 27

Tuning the Television 28

First Time Using 28

Setting the Channels..... 30

Auto Tuning 30
Manual Tuning..... 31
Automatic Power Down 33
Reset TV 33

DTV Settings 34

Channels 34
Channel Options..... 35
Subtitle and Audio 36
Password..... 36
Parental 36
Standby Channel Update 36
Common Interface..... 37
Favorite Control..... 37
Favorite Program..... 37
Channel Grouping 38

General Controls 39

Selecting Channels 39
Stereo and Bilingual Transmissions 39
Quick Access Menu..... 39
Subtitles..... 39
Picture Still 39
Input Selection..... 39

Sound Controls..... 40

Volume Controls and Mute Sound..... 40
Dual 40

Bass, Treble and Balance 40
Stable Sound 40
Surround Sound 40
Bass Boost 40
Dynamic Range Control 40
Digital Audio Output 41
Audio Description 41

Widescreen Viewing 42

Available Picture Size and Position Control 43

Picture Controls 44

Picture Position 44
Picture Mode 44
Picture Preferences 44
Black/White Level 45
Cinema Mode 45
Colour Temperature 45
Static Gamma 45
Reset 45
Active Backlight Control 45
3D Colour Management 45
Base Colour Adjustment 46
Digital Noise Reduction 46
MPEG NR – Noise Reduction 46

Enjoy Photos through USB Port 47

View Photo Files 47
Using Slide Show 48
Repeat Settings for Slideshow 48
Set Interval Time 48
Using the Play List 48
Background Music 48
Photo Info 49

Enjoy Music through USB Port 50

Play Music Files 50
Repeat Settings 51
Using the Play List 51
Music Info 51

Enjoy Videos through USB Port 52

Play Video Files 53
Repeat Settings 54
Set 54
Using the Play List 54
Slow Forward 54
Step Forward 54
Video Info 54
Aspect Ratio 54
Picture Mode 54
Goto Time 55

REGZA-LINK Controls 56

Equipment Control 56
Select REGZA-LINK Device 56

REGZA-LINK Menus 57

One Touch Play 57
System Standby 57
System Audio Control 57
Enable REGZA-LINK 57
Auto Power On 58
Auto Standby 58
Amplifier Control 58
Speaker Preference 58
REGZA-LINK Playback Device Control 59

Preference Controls 60

On Timer 60
Sleep Timer 60
EPG 61
Panel Lock 62

English

Auto Format (Widescreen) 62
4:3 Stretch 62
Blue Screen 62
Side Panel 62
DivX Registration 63
DivX Deregistration 63
System Information 63
System Upgrade 63

Text Services and Text Information 64

Setting the Modes 64
Navigating Pages using Auto 64
Navigating Pages using LIST 64
Control Buttons 64

PC Settings 65

Horizontal and Vertical Position 65
Horizontal Width 65
Clock Phase 65
Reset 65

Input Selection and AV Connections 66

Lip Sync Mode 66
Input Signal Selection 66

Specifications and Accessories 67

License Information 69

Safety Precautions

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken to obtain the best results and for safety to be assured.

Please read the points below for your own safety. They are of a general nature, intended to help with all electronic consumer products and some points may not apply to the goods you have just purchased.

The Class I apparatus shall be connected to a mains socket outlet with a protective earthing connection.

Air Circulation

Leave more than 10cm clearance around the television to allow adequate ventilation. This will prevent overheating and possible damage to the television. Dusty places should also be avoided.

Heat Damage

Damage may occur if the television is left in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity. Place in a location where the temperature remains between 5°C (41°F) min. and 35°C (94°F) max.

Mains Supply

The mains supply required for this equipment is 220-240v AC 50Hz. Never connect to a DC supply or any other power source. DO ensure that the television is not standing on the mains lead. Use only the supplied lead.

DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance. In the UK, the fuse fitted in this plug is approved by ASTA or BSI to BS1362.

It should only be replaced by a correctly rated and approved type and the fuse cover must be refitted.

IF IN DOUBT PLEASE CONSULT A COMPETENT ELECTRICIAN.

Do

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels on equipment.

WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions. See page 6.

DO NOT REMOVE ANY FIXED COVERS AS THIS WILL EXPOSE DANGEROUS AND 'LIVE' PARTS.

THE MAINS PLUG IS USED AS A DISCONNECTING DEVICE AND THEREFORE SHOULD BE READILY OPERABLE.

Do Not

DO NOT obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DO NOT allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DO NOT place hot objects or naked flame sources, such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

WARNING: To prevent the spread of fire, keep candles or other open flames away from this product at all times.

DO NOT use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturers' approved stand, bracket or legs with the fixings provided according to the instructions.

DO NOT leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off by withdrawing the plug, make sure your family know how to do this. Special arrangements may need to be made for people with disabilities.

DO NOT continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

WARNING – excessive sound pressure from earphones or headphones can cause hearing loss.

ABOVE ALL – NEVER let anyone, especially children, push or hit the screen, push anything into holes, slots or any other openings in the case.

These actions will damage screen or internal parts.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

Installation and important information

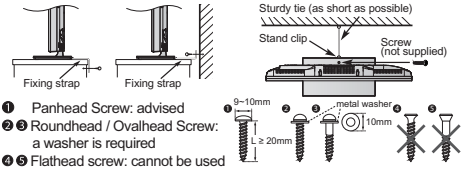
Where to install

Locate the television away from direct sunlight and strong lights, soft, indirect lighting is recommended for comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen.

Place the TV set on a stable, level surface that can support the weight of the TV. As an additional safety measure you secure the TV to the level surface or a wall, as shown in the illustration, using sturdy strap.

Otherwise secure the TV on the level surface using the mounting screw.

The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.



- The screw type is dependent on the actual mounting surface. The metric thread size is 3.8-4.1mm.
- Place the stand on a stable, level surface and secure the TV set by using a single screw (not supplied) through the fall prevention screw hole.
- Make sure to secure your TV set to a firm and adequately thick surface.

***Stand style is dependent on model**

Make sure the television is located in a position it cannot be pushed or hit by objects, as pressure will break or damage the screen. Also, please be certain that small items cannot be inserted into slots or openings in the case.

Avoid using chemicals (such as air refreshers, cleaning agents, etc.) on or near the TV pedestal. Studies indicate that plastics may weaken and crack over time from the combination effects of chemical agents and mechanical stress (such as weight of TV). Failure to follow these instructions could result in serious injury and/or permanent damaged to TV and TV pedestal.

Cleaning the screen and cabinet...

Turn off the power, and clean the screen and cabinet with a soft, dry cloth. We recommend that you do not use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

When using a Wall Bracket

Please use a wall bracket appropriate for the size and weight of the LCD TV.

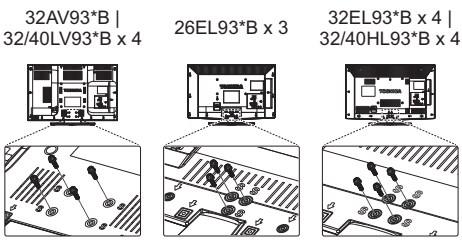
- Two people are required for installation.
- To install a wall-mount from another manufacturer.

1. Unplug and remove any cables and/or other component connectors from the rear of the TV.
2. Carefully lay the front of the unit face down on a flat, cushioned surface such as a quilt or blanket.
3. Follow the instructions provided with your wall bracket. Before proceeding, make sure the appropriate bracket(s) are attached to the wall and the back of the TV as described in the instructions provided with the wall bracket.
4. Always use the screws supplied or recommended by the wall mount manufacturer.

Removing the Pedestal Stand:

1. Carefully lay the front of the unit face down on a flat, cushioned surface with the stand hanging over the edge.
2. Remove the screws.
3. After the screws are removed, hold the pedestal stand in place, then remove it from the TV by sliding away from the bottom of the TV.

NOTE: Extreme care should always be used when removing the pedestal stand to avoid damage to the LCD panel.



Please take note

EXCLUSION CLAUSE

Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by:

i) fire;
ii) earthquake;
iii) accidental damage;
iv) intentional misuse of the product;
v) use of the product in improper conditions;
vi) loss and/or damage caused to the product while in the possession of a third party;
vii) any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
viii) any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

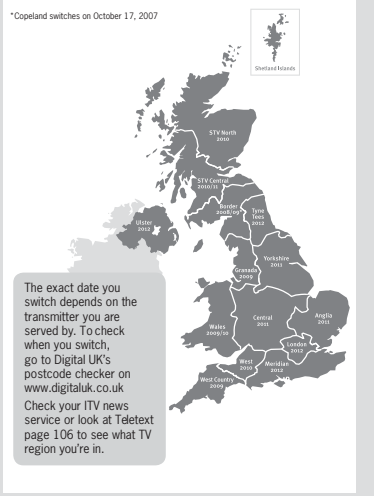
- The digital reception function of this television is only effective in the countries listed in the **Country** section of the **SETUP** menu. Depending on country/area, some of this television's functions may not be available. Reception of future additional or modified services can not be guaranteed with this television.
- If stationary images generated by 4:3 broadcasts, text services, channel identification logos, computer displays, video games, on-screen menus, etc. are left on the television-screen for any length of time they could become conspicuous, it is always advisable to reduce both the brightness and contrast settings.
- Very long, continuous use of the 4:3 picture on a 16:9 screen may result in some retention of the image at the 4:3 outlines, this is not a defect of the LCD TV and is not covered under the manufacturers warranty. Regular use of other size modes (e.g.: Super Live) will prevent permanent retention.

NOTE: Interactive video games that involve shooting a "gun" type of joystick at an on-screen target may not work with this TV.

SYMBOL	SYMBOL DEFINITION
	DANGEROUS VOLTAGE: The lightening flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-insulated "DANGEROUS VOLTAGE" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
	INSTRUCTIONS: The exclamation point within on equilateral triangle to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.
	WARNING: To prevent the spread of fire, keep candles or other open flames away from this product at all times.

Digital Switchover

When does switchover happen?


*Copeland switches on October 17, 2007
Shetland Islands
STV North 2010
STV Central 2010/11
Border 2008/09
Tyne Tees 2010
Ulster 2012
Yorkshire 2011
Granada 2009
Central 2011
Anglia 2011
Wales 2009/10
London 2012
West 2010
Meridian 2012
West Country 2009
The exact date you switch depends on the transmitter you are served by. To check when you switch, go to Digital UK's postcode checker on www.digitaluk.co.uk
Check your ITV news service or look at Teletext page 106 to see what TV region you're in.

Keep this important information about how to re-tune your TV during the digital TV switchover

get set for digital

Television in the UK is going digital, bringing us all more choice and new services. Starting in late 2007 and ending in 2012, television services in the UK will go completely digital, TV region by TV region.

Please see above to find out when your area switches to digital.

Digital UK is the independent, non-profit organisation leading the process of digital TV switchover in the UK. Digital UK provides impartial information on what people need to do to prepare for the move to digital, and when they need to do it.

How the switchover affects your TV equipment:

Your new TV has a digital tuner built in, which means it is ready to receive the Freeview signal by simply plugging it into your aerial socket (check if you can get digital TV through your aerial now, or whether you'll have to wait until switchover, at **www.digitaluk.co.uk**).

When the TV switchover happens in your area, there are at least two occasions when you will need to re-tune your TV in order to continue receiving your existing TV channels, and also to pick up new ones, Digital UK, the body leading the digital TV switchover, will advise you when you need to re-tune during the switchover.

If you choose to connect your TV to satellite or cable with a digital box then it will not be affected by switchover, and you won't need to re-tune.

How to re-tune:

As new services are broadcast it will be necessary to re-tune the television in order to view them. **Auto tuning** will completely retune the television and can be used to update the channel list.

1. Press **MENU** button on the remote control unit.
   Select **Auto tuning** option.
2. A screen will appear warning that previous digital programmes and settings will be deleted.

You must allow the television to complete the search.....

When the search is complete the **Auto tuning** screen will display the total number of service found.

NOTE: Further detailed instructions on **Auto tuning** can be found in the TV owners manual.

If you are missing channels, it may be that they are not available in your area, or that your aerial needs upgrading.

If you have any further questions, please contact your equipment supplier or call Digital UK on **08456 50 50 50** or visit **www.digitaluk.co.uk**

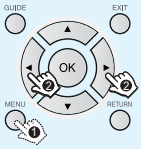
Re-tuning: **TOSHIBA** Freeview products

4 Steps
(Steps 1-4)

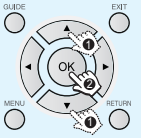
This guide can be used to help you re-tune the following product with the remote control below:

TOSHIBA Digital TV

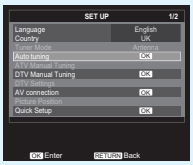
Make sure your TV is on and press 80 for the BBC News channel

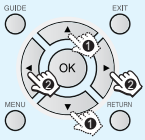


1) Press **MENU** and press ◄ or ► to select **SETUP**.

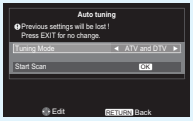


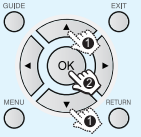
2) Press ▲ or ▼ to select **Auto tuning**, and press OK to enter the sub-menu.



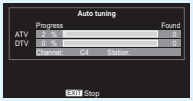


3) Press ▲ or ▼ to select **Tuning Mode** and press ◄ or ► to select **ATV**, **DTV** or **ATV and DTV**.





4) Press ▲ or ▼ to select **Start Scan** and press OK to start **Auto tuning**.



TOSHIBA Customer Helpline: 0844 856 0730

TOSHIBA Online Support:
www.toshiba.co.uk/tv-dvd-support

***This process may affect any saved information stored on your product, including your favourites list.**
Please consult your instruction manual or contact the manufacturer using the details above.

English

Your guide to

Manual re-tuning

If you are comfortable with technical information and your basic re-tune hasn't worked, you can use this manual re-tune guide.

If your Freeview TV or box picks up a different regional service to your preferred service (e.g. BBC England instead of BBC Scotland, or ITV Central instead of ITV Anglia), you can use this manual re-tune guide.

If you are missing some services you may find they have moved to channel 800 or above, this guide will help you put them in your preferred position.

If you find manual re-tuning too difficult, contact your local electrical retailer or installer. This is a guide only, Freeview models operate slightly differently. Some early models do not offer a manual re-tune facility – check your instruction book.

Please note:

Every time you re-tune, you will need to go through this process.

1

Go to the Postcode Checker at digitaluk.co.uk

Enter your postcode on the right hand side of the web page. Remember to include your house number or name.
If you do not have internet access, contact the Digital UK helpline on 08456 50 50 50 * and ask for manual re-tune guide support.

2

Once you have entered your address details, the next page gives you an indication of which TV services you should receive, based on your most likely transmitter. You may be able to receive television services from more than one transmitter and you can check alternatives, where available.

On the results page click on the pink button to see your full reception forecast and channel information for switchover.

3

Click on the How do I re-tune? pink banner.

Scroll down to the manual re-tune table where you will see the relevant "RF Channel" numbers for the digital services that can be received at your home.**

4

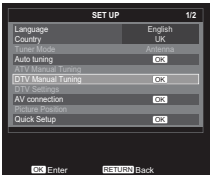
Write down the "RF Channel" numbers for your transmitter using the Group boxes here:

Group 1		Group 4	
Group 2		Group 5	
Group 3		Group 6	

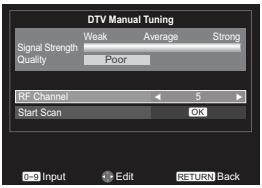
*Calls are free for BT customers within inclusive calling plans. Call charges from other providers may vary. The standard business hours for Digital UK's contact centre are 9am to 7pm Monday to Friday and 10am to 4pm on a Saturday. Opening hours will be extended during switchover in each area. Digital UK, PO Box 26833, Kirkcaldy,KY2 9AG .
**Please note that the Freeview channel line-up is subject to change.

5 Press 'MENU' and press ◄ or ► to select 'SETUP'.

6 Press ▲ or ▼ to select 'DTV Manual Tuning' and press OK to enter the submenu.



7 Press ▲ or ▼ to select 'RF Channel'.
Press ◄ or ► to change the RF channel or directly input using the number key pad on the remote.



8 Press ▲ or ▼ to select 'Start Scan' and press OK to start tuning.

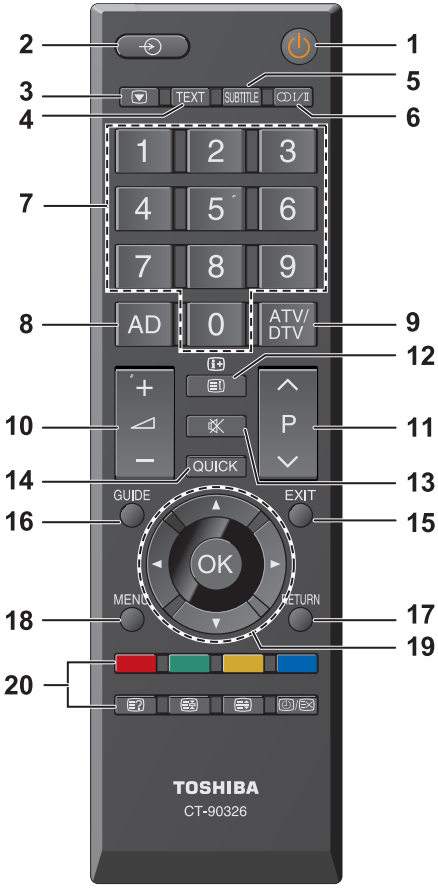
9 Press the 'Menu' button or 'EXIT'.
You should find that you now have your preferred service installed.

If you need any more help, contact your retailer, installer, manufacturer or the Digital UK helpline on 08456 50 50 50 *

digitaluk

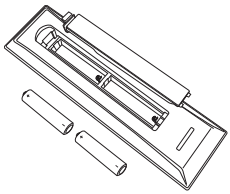
The Remote Control

Simple at-a-glance reference of your remote control.



1 Toggle between TV ON or Standby
2 Toggle between external input sources
3 Still Picture
4 To display the teletext screen
5 TEXT subtitle pages if available
6 Stereo/Bilingual transmissions
7 Number buttons
8 Audio Description
9 Switch between ATV and DTV
10 Change the volume
11 Change the channel
12 In TV mode: Display on-screen information
In Text mode: Access the index page
13 Mute the sound
14 Display the QUICK access menu
15 Exit the menu system
16 Display EPG
17 Go to the previous level of the menu
18 Display the on-screen menu
19 Menu navigation: ▲, ▼, ◄, ►:
In Text mode: Change the page
(OK) Confirm the selection
20 Colour button: Text control buttons
Reveal concealed text
Hold a wanted page
Enlarge text display size
Select a page while viewing a normal picture

Inserting batteries and effective range of the remote



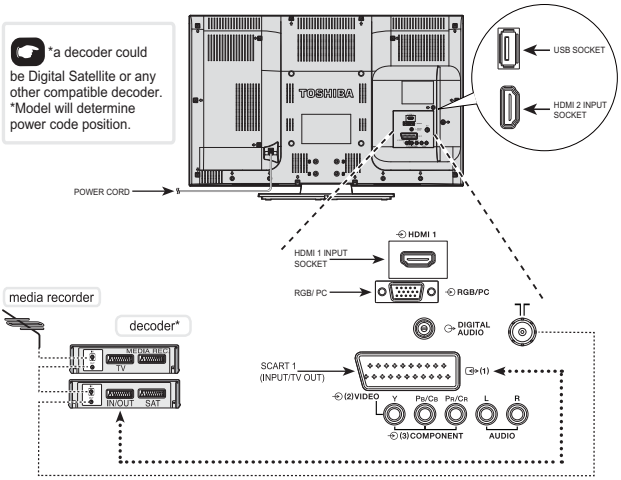
Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the right way round. Suitable battery types for this remote are AAA, 1.5V.

Do not combine a used, old battery with a new one or mix battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment. Dispose of them in accordance with instructions on page 70 of this manual. Warning: batteries must not be exposed to excessive heat such as sunlight or fire.

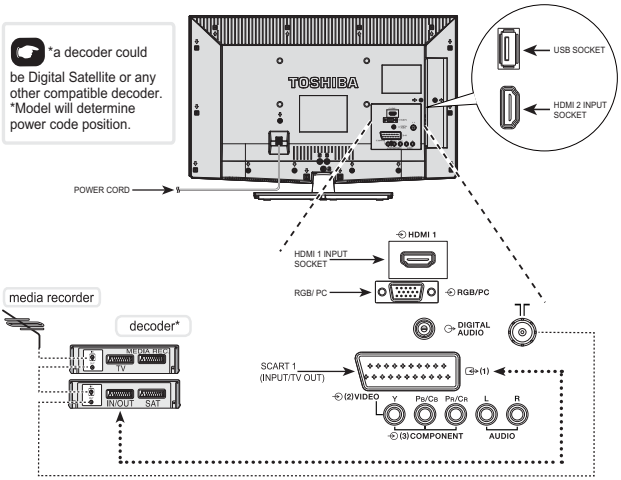
The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the centre of the television. If the operating range becomes reduced the batteries may need replacing.

Connecting External Equipment

Before connecting any external equipment, turn off all main power switches. If there is no switch remove the mains plug from the wall socket.



For 32AV93*B | 32/40LV93*B



For 26/32EL93*B | 32/40HL93*B

Aerial cables: - - - - - - - - - - - - - - - - - - -

Connect the aerial to the ANT socket on the rear of the television.

If you use a decoder and/or media recorder, connect through the decoder and/or media recorder to the television.

SCART cables: - - - - - - - - - - - - - - - - - - -

Connect the video recorder **IN/OUT** or decoder **TV** socket to the television. Connect the media player **SAT** socket to the decoder **MEDIA REC**. socket.

Before running **Auto Tuning** put your decoder and media recorder to **Standby**.

HDMI® (High-Definition Multimedia Interface) is for use with a DVD, decoder or electrical equipment with digital audio and video output. It is designed for best performance with 1080i high-definition video signals but will also accept and display 480i, 480p, 576i, 576p, 720p and 1080p. HDMI1 also support VGA, SVGA, XGA, WXGA and SXGA.

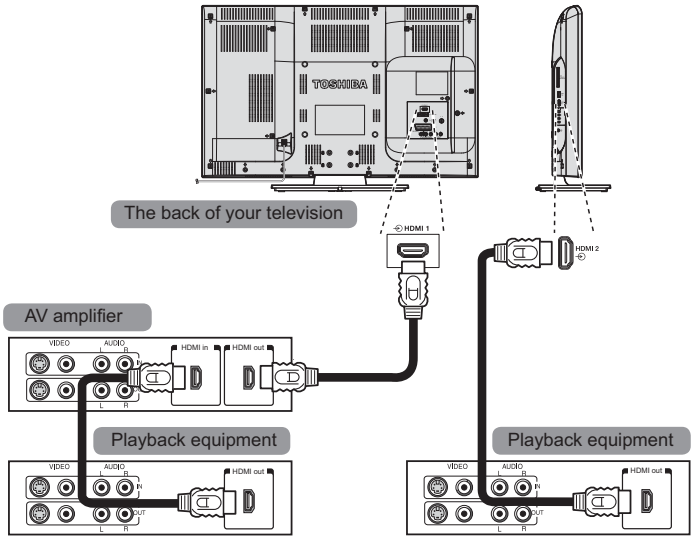
NOTE: Although this television is able to connect to HDMI equipment it is possible that some equipment may not operate correctly.

A wide variety of external equipment can be connected to the back of the television, therefore the relevant owners manuals for all additional equipment must be referred to.

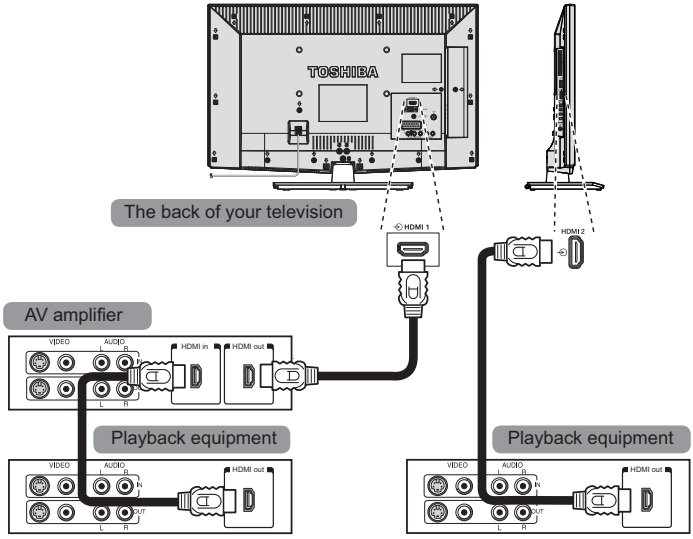
If the television automatically switches over to monitor external equipment, return to normal television by pressing the desired channel button. To recall external equipment, press ⊕ to select.

REGZA-LINK Connections

The basic functions of connected audio/video equipment can be controlled using the television's remote control if a REGZA-LINK compatible device is connected.



For 32AV93*B | 32/40LV93*B



For 26/32EL93*B | 32/40HL93*B

Connecting an HDMI or DVI device to the HDMI input

The HDMI input on your television receives digital audio and uncompressed digital video from an HDMI source device or uncompressed digital video from a DVI (Digital Visual Interface) source device.

This input is designed to accept HDCP (High-Bandwidth Digital-Content Protection) programme material in digital form from EIA/CEA-861-D–compliant [1] consumer electronic devices (such as a set-top box or DVD player with HDMI or DVI output). For acceptable video signal formats, see page 22.

NOTE:

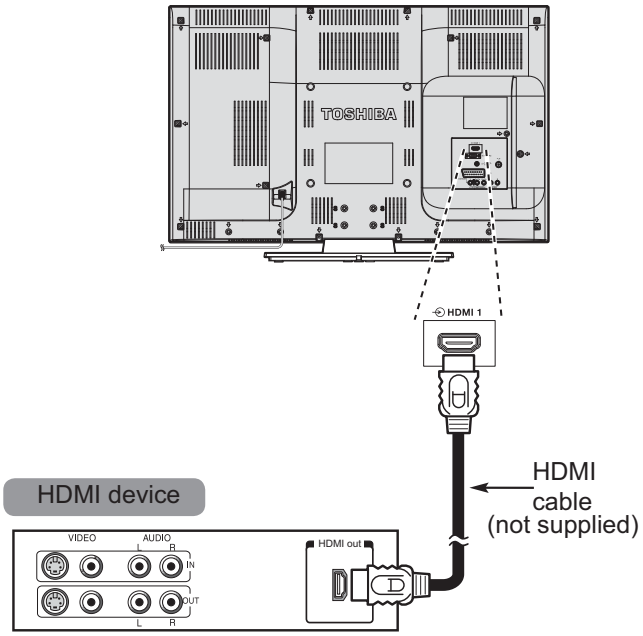
- Some early HDMI equipment may not work properly with your latest HDMI TV, due to the adoption of a new standard.
- Supported Audio format: Linear PCM and Dolby Digital, sampling rate 32/44.1/48kHz.

To connect an HDMI device

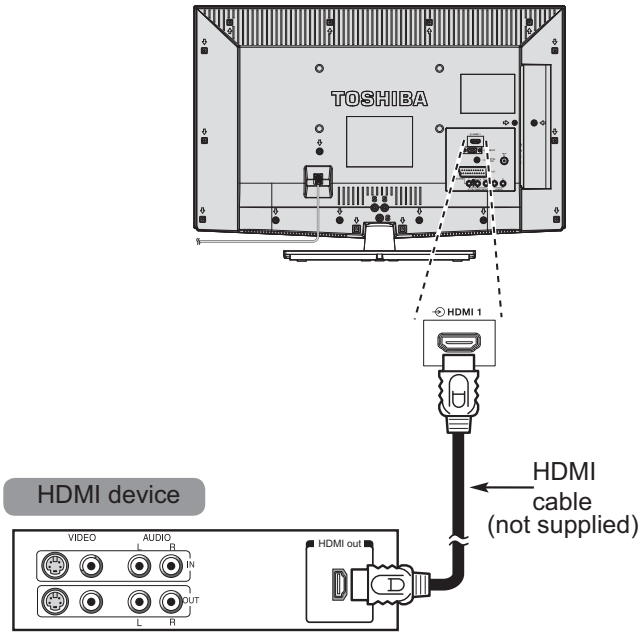
Connect an HDMI cable (type A connector) from the device to the HDMI terminal.

For proper operation, it is recommended that you use an HDMI cable with the HDMI Logo (HDMI®).

- If your HDMI connection is capable of 1080p and/or your television is capable of refresh rates greater than 50Hz, you will need a Category 2 cable. Conventional HDMI/DVI cable may not work properly with this mode.
- HDMI cable transfers both video and audio. Separate analogue audio cables are not required (see illustration).



For 32AV93*B | 32/40LV93*B



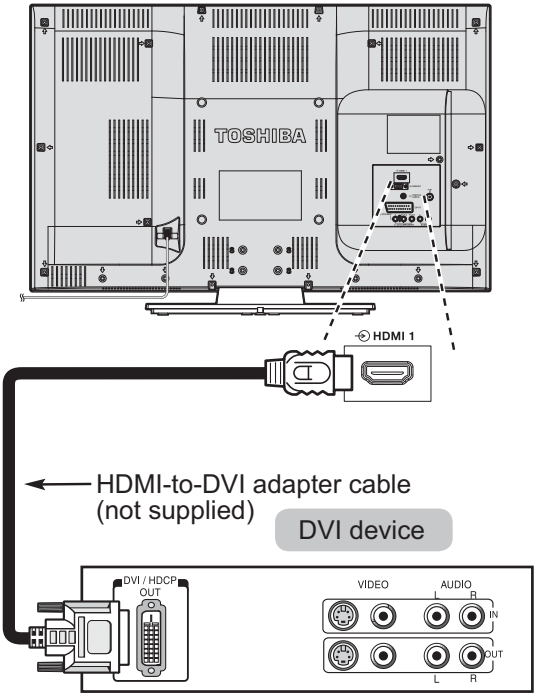
For 26/32EL93*B | 32/40HL93*B

To view the HDMI device video, press the ⊕ button to select HDMI 1 or HDMI 2 mode.

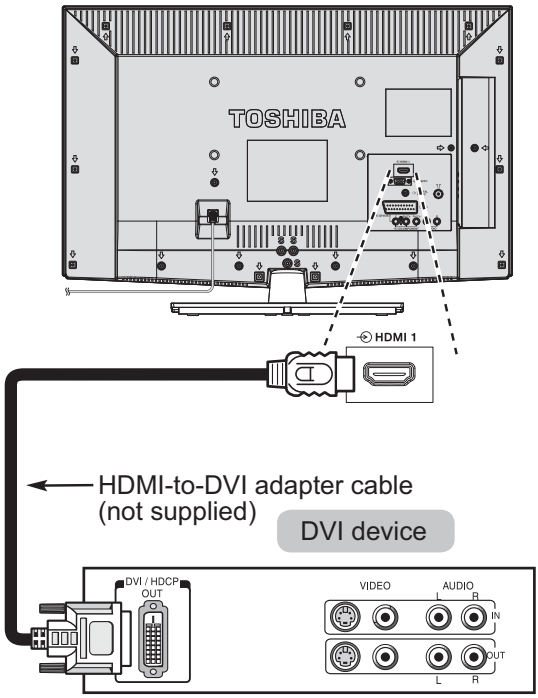
To connect a DVI device

Connect an HDMI-to-DVI adapter cable (HDMI type A connector) to the HDMI 1.

- The recommended HDMI-to-DVI adapter cable length is 6.6ft (2m).
- An HDMI-to-DVI adapter cable transfers video only.
- Separate analogue audio connection are not supported for audio receivers.



For 32AV93*B | 32/40LV93*B



For 26/32EL93*B | 32/40HL93*B

To ensure that the HDMI or DVI device is reset properly, it is recommended that you follow these procedures:

- When turning on your electronic components, turn on the television first, and then the HDMI or DVI device.
- When turning off your electronic components, turn off the HDMI or DVI device first, and then the television.

[1] EIA/CEA-861-D compliance covers the transmission of uncompressed digital video with high-bandwidth digital content protection, which is being standardized for reception of high-definition video signals. Because this is an evolving technology, it is possible that some devices may not operate properly with the television.

HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

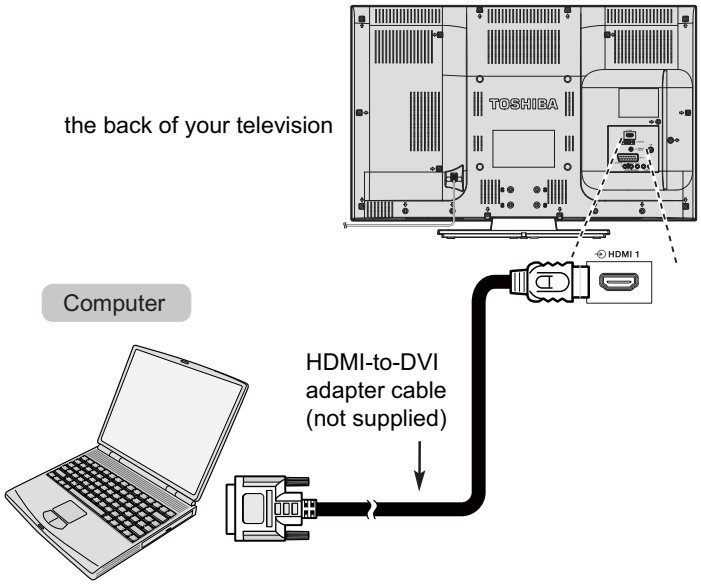
Connecting a Computer

With either an RGB/PC or an HDMI connection, you can watch your computer's display on the television.

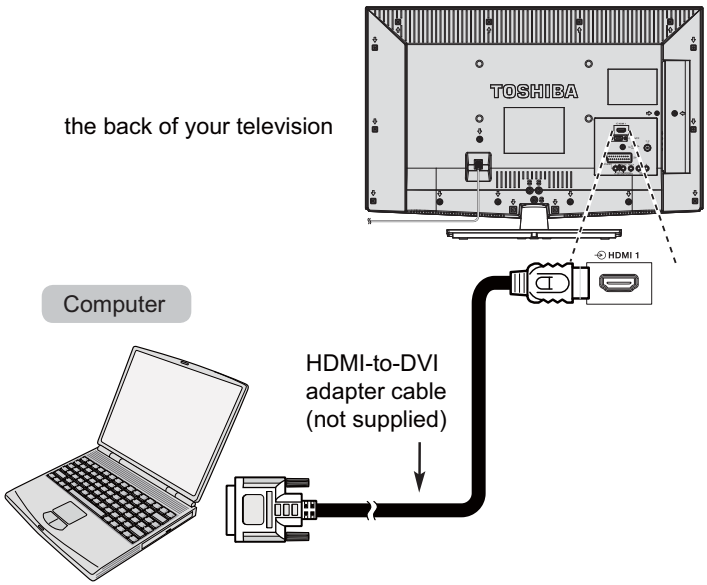
To connect a PC to the HDMI terminal

When connecting a PC to the HDMI terminal on the television, use an HDMI-to-DVI adapter cable.

If connecting a PC with an HDMI terminal, use an HDMI cable (type A connector). A separate analogue cable is not necessary.



For 32AV93*B | 32/40LV93*B



For 26/32EL93*B | 32/40HL93*B

For acceptable PC and video signal formats, see page 22.

NOTE:

- The edges of the images may be hidden.
- If connecting a certain PC model with a unique PC signal, the PC signal may not be detected correctly.

Acceptable Video signals through HDMI terminals

Resolution	H. Frequency (KHz)	V. Frequency (Hz)
480i	15.734	60.000
480p	31.500	60.000
576i	15.625	50.000
576p	31.250	50.000
720p	37.500	50.000
720p	45.000	60.000
1080i	28.125	50.000
1080i	33.750	60.000
1080p	27.000	24.000
1080p	28.125	25.000
1080p	33.750	30.000
1080p	56.250	50.000
1080p	67.500	60.000

Acceptable PC signals through HDMI terminals

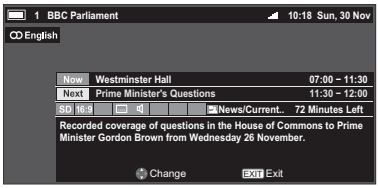
Resolution	H (KHz)	V(Hz)	Pixel Clock (MHz)	H-Polarity	V-Polarity	H-Total	V-Total
640 x 480	31.369	59.940	25.175	Negative	Negative	800	525
640 x 480	37.861	72.809	31.500	Negative	Negative	832	520
640 x 480	37.500	75.000	31.500	Negative	Negative	840	500
800 x 600	35.160	56.250	36.000	Positive	Positive	1024	625
800 x 600	37.879	60.317	40.000	Positive	Positive	1056	628
800 x 600	48.077	72.188	50.000	Positive	Positive	1040	666
800 x 600	46.875	75.000	49.500	Positive	Positive	1056	625
1024 x 768	48.363	60.004	65.000	Negative	Negative	1344	806
1024 x 768	60.023	75.029	78.750	Positive	Positive	1312	800
1280 x 768	47.776	59.870	79.500	Negative	Positive	1664	798
1360 x 768	47.712	60.015	85.500	Positive	Positive	1792	795
1280 x 1024	63.981	60.020	108.000	Positive	Positive	1688	1066
1280 x 1024	79.976	75.025	135.000	Positive	Positive	1688	1066
1920 x 1080	67.500	60.000	148.500	Positive	Positive	2200	1125

Digital On-Screen Information and Programme Guide

When viewing in digital mode, the on-screen information and programme guide provide access to programme details for all available channels.

Information

1. Press i+, and the information screen will appear giving details of the channel and programme currently being viewed.


1 BBC Parliament
10:18 Sun, 30 Nov
English
Now Westminster Hall 07:00 – 11:30
Next Prime Minister's Questions 11:30 – 12:00
SD 16:9 News/Current.. 72 Minutes Left
Recorded coverage of questions in the House of Commons to Prime Minister Gordon Brown from Wednesday 26 November.
Change
Exit Exit

2. Press ▲ or ▼ to choose from **Now** or **Next** information guide.

On-Screen Information Icons

Icons will appear on the Information screen giving details about the programmes being broadcast. Details of these icons are listed below:

	Icon	Description
Service info		Service type (TV, Radio, TEXT)
		Skip
Audio info		Mono
		Stereo
		Dual mono
		Multichannel
	D	Dolby Digital
	D+	Dolby Digital+
Audio/ Subtitle info		Hearing Impaired
Event info	HD, SD	Video format (HD, SD)
	16:9, 4:3	Video Aspect
		Teletext
		Subtitle (Single, Multi)
		Multi-audio track
	AD	Audio Description
	4 - 18	Parental rating
		Encrypted

Guide

1. Select the on-screen guide by pressing **GUIDE**. The guide screen will appear highlighting details of the channel and programme currently being viewed. This may take a few moments to appear.

2. Press ◄ or ► for information on other programmes scheduled for the channel selected.

3. For details of other programmes currently available, press ▲ and ▼ to scroll up and down the channel list.

NOTE: In order for the recording operation to work properly, the media recorder must be set to the same time as the TV. Regarding the process for recording, please refer to the owner's manual of the recording equipment.

Frequently Asked Questions

Q *Why is there no sound or picture?*

A Check that the television is on and that all connections are made properly.

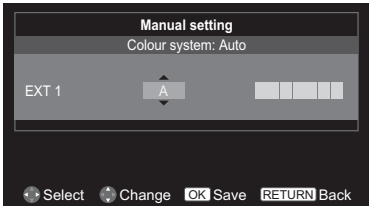
Q *There is a picture, but why is there little or no colour?*

A The colour is factory set to **Auto** to automatically display the best colour system.

When using an **external** source, if there is little or no colour, improvements may sometimes be achieved.

To manually change the colour system:

1. With the external source playing, select **Manual setting** in the **SETUP** menu.
2. Using ▲ or ▼ to choose from **Auto**, **NTSC 4.43**, **NTSC 3.58**, **SECAM** or **PAL**.



Q *Why doesn't the video/DVD being played show on-screen?*

A Make sure the VCR or DVD player is connected to the television, then select the correct input by pressing ⊕.

Q *Why is there a good picture but no sound?*

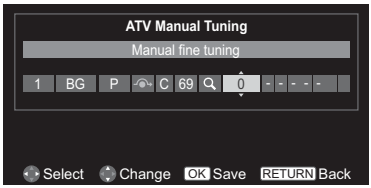
A Check all cable connections and that the volume has not been turned down or that the sound has not been muted.

Q *What else can cause a poor picture?*

A Interference or a weak signal. Try a different television station. Manual fine tuning may help:

1. Select the **ATV Manual Tuning** in the **SETUP** menu.

   Highlight the station and press (OK), then press ◄ or ► to select **Manual fine tuning**.



2. Using ▲ or ▼ to adjust to get the best picture and sound. Press (OK) and then **RETURN**.

Q *Why doesn't the remote control work?*

A Check that the batteries aren't dead or inserted incorrectly.

Q *Why are there problems with text?*

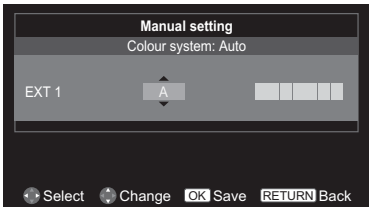
A Good performance of text depends on a strong broadcast signal. If the text is unreadable or garbled, check the aerial, satellite or cable connection. Go to the main index page of the text service and look for the User Guide. This will explain the basic operation of text in some detail.

Q *Why are the four coloured text numbers visible but no text?*

A Text has been selected while viewing an external source. No text will appear on-screen or a box may appear stating no information is available. Select a broadcasting channel and press 📺 to access.

Q *Why are the colours wrong when an NTSC source is played?*

A Connect the source via a SCART cable and play. Select **Manual setting** from the **SETUP** menu and set the **Colour System** to **Auto**.



Q *What can be done if the user-defined password has been forgotten?*

A Use the universal password 1276, then change to a new number of your choice.

Q *Why don't the devices connected via HDMI operate properly?*

A Make sure to use cables with the HDMI logo (HDMI®). Some early HDMI equipment may not work properly with the latest HDMI TV products, due to adoption of new standards.

Q *Why is the VCR/DVD picture in black and white?*

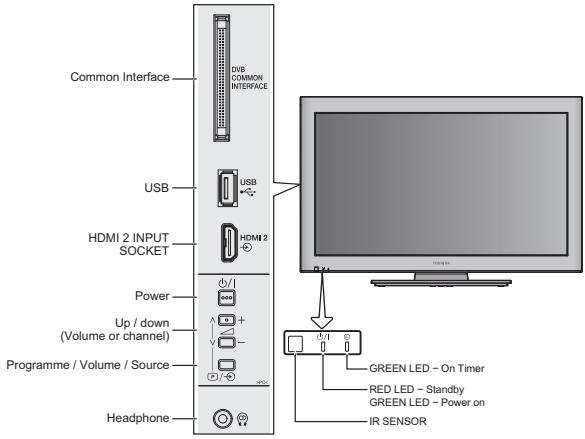
A Check the correct input has been chosen: S-VIDEO or AV.

Q *Why did TV turn off by itself?*

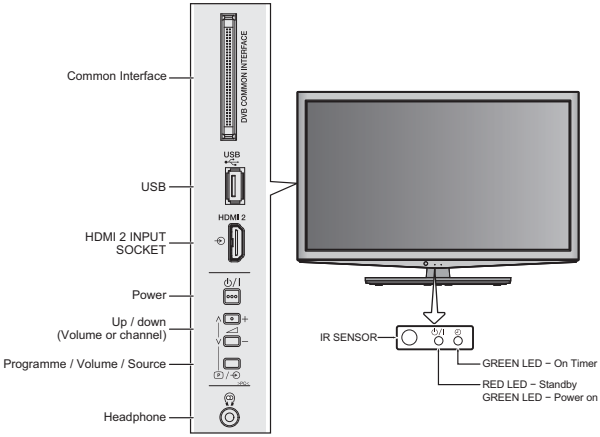
A After roughly 15 minutes without any input video signal at TV mode, the TV will turn off to save power.

Using the Controls

While all the necessary adjustments and controls for the television are made using the remote control, the buttons on the television may be used for some functions.



For 32AV93*B | 32/40LV93*B



For 26/32EL93*B | 32/40HL93*B

Switching On

If the RED Stand By LED is unlit, check that the plug is connected to the power supply. If the picture does not appear press ⏻ on the remote control, it may take a few moments.

To put the television into Standby press ⏻ on the remote control. To view the television press ⏻ again. The picture may take a few seconds to appear.

For energy saving:

We recommend that you use the television with the factory settings. The factory settings are for energy saving.

Unplugging the mains plug will cut energy use to zero for all televisions. This is recommended when the television is not being used for a long time, e.g. when on holiday.

Reducing the brightness of the screen will reduce energy use. Energy efficiency cuts energy consumption and thus saves money by reducing electricity bills.

NOTE: Putting the television into standby mode will reduce energy consumption, but will still draw some power.

Using the Remote Control

To set up the television you will now need to use the on screen menus. Press **MENU** on the remote control to see the menus.

The on-screen menu appears as a list of five topics. As each symbol is selected by pressing ◄ or ► on the navigation ring on the remote control.

To use the options, press OK to enter the sub menu. Then press ▲ or ▼ on the navigation ring to move up and down through the menu and use OK to select the required choice. Follow the on-screen instructions. The functions of each menu are described in detail throughout this manual.

Using the Side-Key Controls

Press −◿+ to adjust volume.

Press P / ⊕ to change programme selection, then press −◿+ to adjust programme selection.

Press and hold P / ⊕ until Source List is displayed, then press P / ⊕ to scroll through the list until desired input source is located.

Please always refer to the owner's manual of the equipment to be connected for full details.

NOTE: Inserting the headphone plug will mute the sound from all speakers.

Tuning the Television

Before switching on the television put your decoder and media recorder to Standby if they are connected.

To set up the television use the buttons on the remote control as detailed on page 12.

First Time Using

1 For first time use, plug in the television and press the ⏻ button.

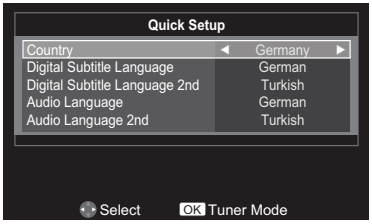
The **Language** menu will appear.

NOTE: This function is accessed in the **SETUP → Quick Setup** menu.

2 Press ▲, ▼, ◄ or ► to select your language (English, Français, Deutsch, Español, Italiano, Português, Nederlands, Svenska, Dansk, Norsk, Suomi, Polski, slovenščina, Magyar, Slovensky, Český, Русский, Română, български, Srpski, Ελληνικά, Hrvatski, Türkçe or Українське).

Press (OK) to enter **Quick Setup** menu.

3 Press ▲ or ▼ to select **Country** and then press ◄ or ► to select your country (Austria, Belgium, Bulgaria, Croatia, Czech, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, Netherlands, Norway, Others, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK or Ukraine).



4 Press ▲ or ▼ to select **Digital Subtitle Language** and then press ◄ or ► to select your preferred language.

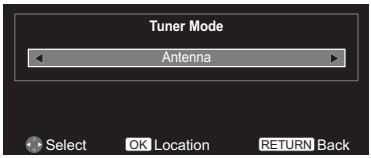
5 Press ▲ or ▼ to select **Digital Subtitle Language 2nd** and then press ◄ or ► to select your preferred language.

6 Press ▲ or ▼ to select **Audio Language** and then press ◄ or ► to select your preferred language.

7 Press ▲ or ▼ to select **Audio Language 2nd** and then press ◄ or ► to select your preferred language.

8 Press (OK) to select **Tuner Mode**.

NOTE: This option is country specific in the **Quick Setup** menu.



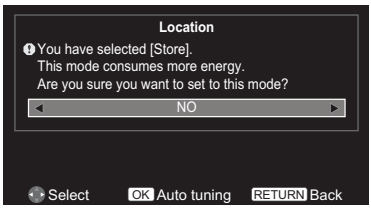
Press ◄ or ► to select **Antenna** or **Cable**.

9 Press OK to select **Location**.

Location
To use the TV for the display in a store showroom, please select [Store].
[Home] mode is recommended for normal use.
Store
Select
OK Auto tuning
RETURN Back

Press ◄ or ► to select **Home** or **Store**. For normal home use, select **Home**.

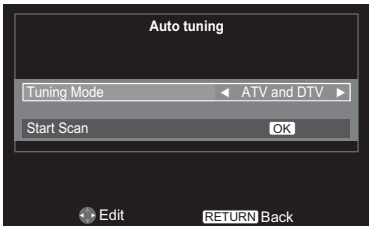
When **Store** is selected, the confirmation window appears.



Press ◄ or ► to select **YES** or **NO**.

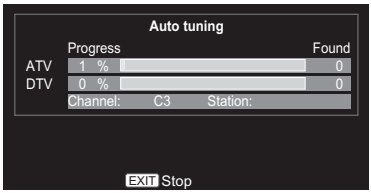
10 Press OK to enter the **Auto tuning** menu.

NOTE: Please make sure the aerial is connected to the TV before tuning.



Press ▲ or ▼ to select **Tuning Mode** and then press ◄ or ► to select **ATV**, **DTV** or **ATV and DTV**.

Press ▲ or ▼ to select **Start Scan** and press OK.



The search will begin for all available stations. The slide bar will move along the line as the search progresses.

You must allow the television to complete the search.

When the search is complete the television will automatically select channel 1. This may not be a clear picture or the signal may be weak, so the station order can be changed using **ATV/DTV Manual Tuning** in the **SETUP** menu.

Setting the Channels

NOTE: When **Parental Block** is activated, the 4-digit password is needed.

Auto Tuning

The **Auto tuning** function will completely re-tune the television and can be used to update the channel list.

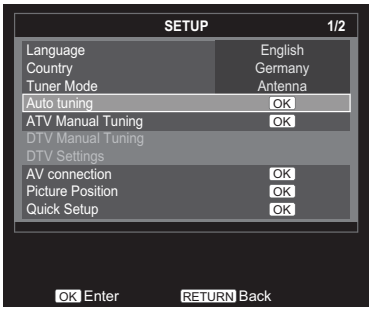
NOTE: It is recommended that **Auto tuning** is run periodically to ensure that all new services are added.

NOTE: All the current channels and settings, for example, the locked channels, will be lost.

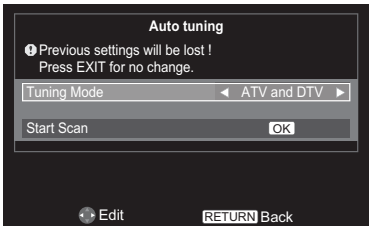
Tuner Mode - Antenna

1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

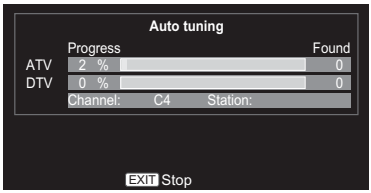
2. Press ▲ or ▼ to select **Auto tuning**, and press OK to enter the submenu.



3. Press ▲ or ▼ to select **Tuning Mode** and press ◄ or ► to select **ATV**, **DTV** or **ATV and DTV**.



Press ▲ or ▼ to select **Start Scan** and press OK to start **Auto Tuning**.



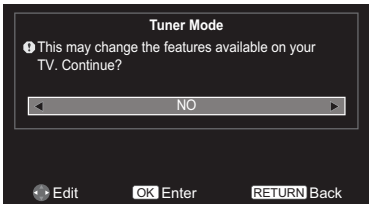
Tuner Mode - Cable

Switching between tuner modes will change the features available on your television.

All the current channels and settings, for example, the locked channels, will be lost.

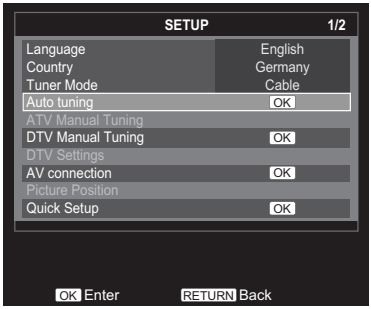
In the **SETUP** menu, press ▲ or ▼ to select **Tuner Mode** and press OK.

Press ◄ or ► to select **YES** or **NO**.

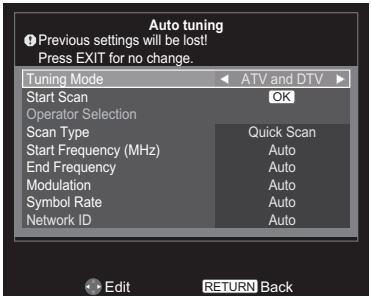


1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **Auto tuning**, and press OK to enter the submenu.



3 Press ▲ or ▼ to select **Tuning Mode** and press ◄ or ► to select **ATV**, **DTV** or **ATV and DTV**.



4 Press ▲ or ▼ to select **Operator Selection**, and press ◄ or ► to select **Others**, **Ziggo** or **UPC**.

NOTE: Operator Selection can only be adjusted when **Country** is **Netherlands**.

5 Press ▲ or ▼ to select **Scan type**, and press ◄ or ► to select **Full Scan** or **Quick Scan**.

NOTE: Channels with a weak signal may be missed by **Quick Scan**.

6 Press ▲ or ▼ to select **Operator Selection**, **Scan Type**, **Start Frequency (MHz)**, **End Frequency**, **Modulation**, **Symbol Rate** or **Network ID**, and use number key pad on the remote to define the information or select **Auto** for tuning.

Press ▲ or ▼ to select **Start Scan** and press OK to start tuning.

NOTE:

- The information should be given by your cable provider.
- **Network ID** is only available for **Quick Scan**.

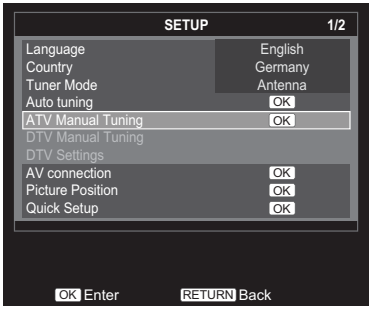
Manual Tuning

There are two TV modes: ATV and DTV that can be tuned-in manually using **Manual Tuning**.

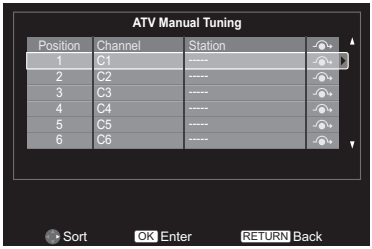
ATV mode - Antenna/Cable

1 Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

2 Press ▲ or ▼ to select **ATV Manual Tuning** and press OK to enter the submenu.

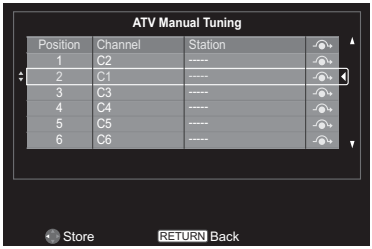


3 Press ▲ or ▼ to select the programme position you want to arrange and then press ►.

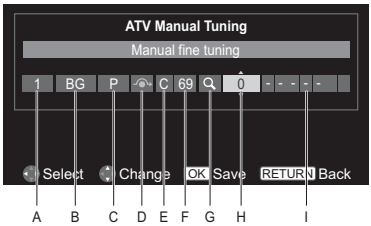


4 Press ▲ or ▼ to move through the list to your preferred position. As you do so the other stations will move to make room.

Press ◄ to store programme position.



5 Press OK to display the breakdown menu. Press ◄ or ► to select an item, then press ▲ or ▼ to select the item as shown below.



A **Position:**

The number to be pressed on the remote control.

B **System:**

Specific to certain areas.

C **Colour system:**

Factory set to Auto, should only be changed if problems are experienced, i.e. NTSC input from external source.

D **Skip:**

means nothing has been stored or the facility to skip the channel is **On**.

E **Signal Class:**

The channel classification.

F **Channel:**

The channel number on which a station is being broadcast.

G **Searching:**

Search up and down for a signal.

H **Manual fine tuning:**

Turn on to execute fine tune function. Turn off to execute manual fine tune function.

I **Station:**

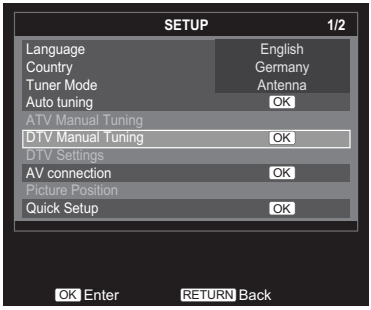
Station identification. Use the ▲ or ▼ and ◄ or ► buttons to enter up to seven characters.

6 Press OK to save.

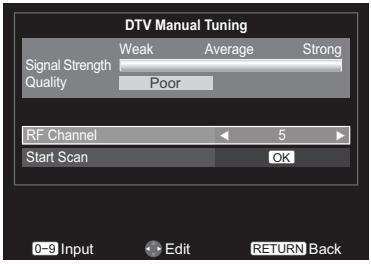
DTV mode - Antenna

1 Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

2 Press ▲ or ▼ to select **DTV Manual Tuning** and press OK to enter the sub-menu.



3 Press ▲ or ▼ to select **RF Channel** and press ◄ or ► to select or use number key pad on the remote to enter a channel.

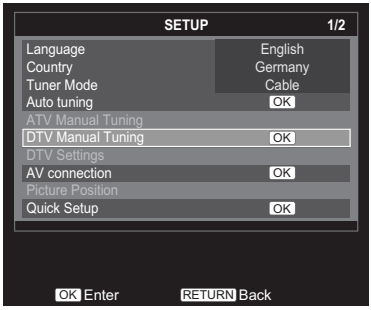


4 Press ▲ or ▼ to select **Start Scan** and press OK to start tuning.

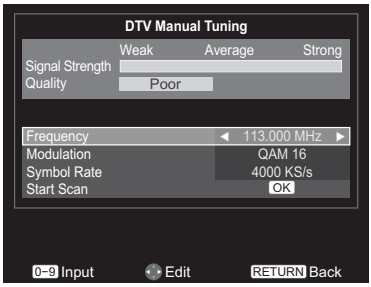
DTV mode - Cable

1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the sub-menu.

2. Press ▲ or ▼ to select **DTV Manual Tuning** and press OK to enter the sub-menu.



3. Press ▲ or ▼ to select **Frequency, Modulation** or **Symbol Rate**, and use number key pad on the remote to define the information or select **Auto** for tuning.



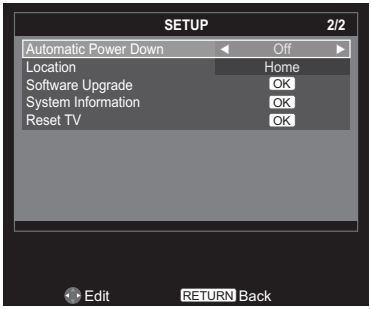
Press ▲ or ▼ to select **Start Scan** and press OK to start tuning.

Automatic Power Down

The TV will automatically turn itself off (standby) within 4 hours, if you do not touch the control buttons on the remote control or on the TV control panel. It will also automatically turn off if no input signal is detected after approximately 15 minutes.

1. In the **SETUP** menu, press ▲ or ▼ to select **Automatic Power Down**.

2. Press ◄ or ► to select **Off**, **4h**, **6h** or **8h**.



Reset TV

Selecting **Reset TV** will reset all TV settings to their original factory values.

1. In the **SETUP** menu, press ▲ or ▼ to select **Reset TV** and press OK.

2. Press ◄ or ► to select **YES** to confirm or select **NO** to exit and press OK.

DTV Settings

Channels

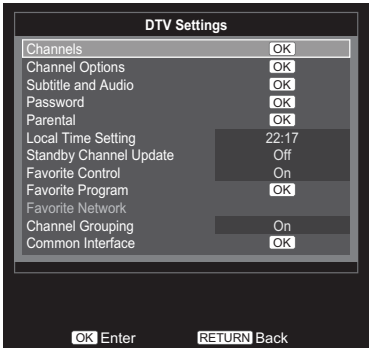
The channel order may be changed to suit your personal preference.

NOTE: This function is only available in DTV mode.

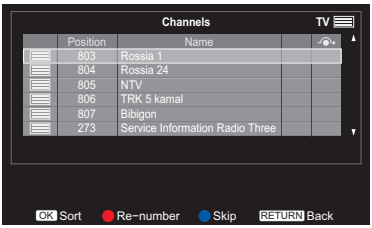
1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **DTV Settings** and press OK to enter the submenu.

3. Press ▲ or ▼ to select **Channels** and press OK.



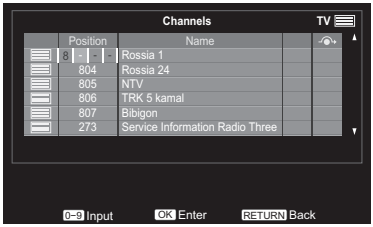
4. Press ▲ or ▼ to select **Channels**.



Re-number

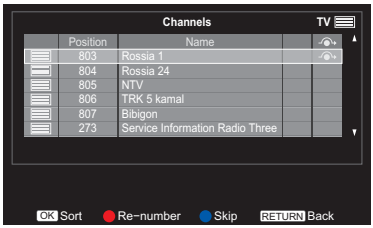
5. Press the red button on the remote to renumber the highlighted channel.

6. Edit the channel number using the number keys on the remote and press OK.



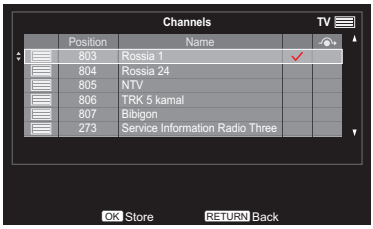
Skip

7. Press the blue button on the remote. A icon appears.



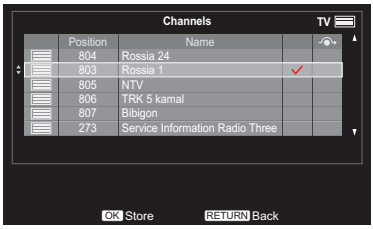
Sort

8 Press ▲ or ▼ to select the desired channel and then press OK. A tick icon appears.



9 Press ▲ or ▼ to select the channel you wish to swap with the one selected in Step 8 and then press OK.

The positions of the two channels are swapped.



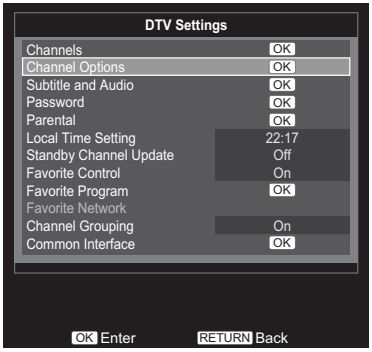
Channel Options

This function is to setup the Skip or Lock for currently watched channel.

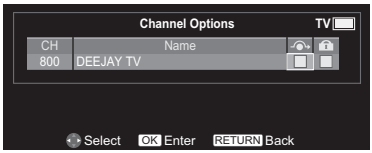
Skip Channels

The feature allows you to set channel that will be skipped when **P** ∧ or **P** ∨ are used to tune.

1 In the **DTV Settings** menu, press ▲ or ▼ to select **Channel Options**, and press OK to enter the submenu.



2 Press ◄ or ► to highlight the skip ( ) box.



3 Press OK to select. A tick appears in the box.

NOTE: Skipped channels cannot be selected by **P** ∧ or **P** ∨ but still be accessed by direct entry (when tuned a icon will be displayed in the banner to indicate as a skipped channel).

Parental Control

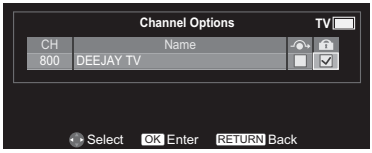
Locking channels stops the viewing of digital channels, and they can only be accessed by entering the password.

1 In the **DTV Settings** menu, press ▲ or ▼ to select **Channel Options**, and press OK to enter the submenu.

2 Press ◄ or ► to highlight the lock ( ) box.

3 Press OK to select. A tick appears in the box.

If the password has already been set, password entry will be required to set the locked channels.



4 From this point on, when any of the channels in the **Channel Options** list are selected, the password must be entered before they can be accessed.

Subtitle and Audio

You can choose the **Subtitle Type** or **Audio Type** from **Normal** or **Hearing Impaired**. If the **Hearing Impaired** is selected, it provides subtitle services to deaf and hard of hearing viewers with additional descriptions.

Subtitle Language or **Audio Language** allow a programme or film to be viewed with a choice of soundtrack language, provided they are currently being broadcast.

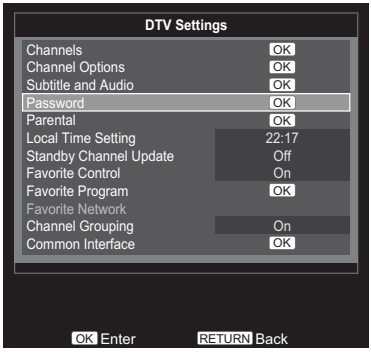
1. In the **DTV Settings** menu, press ▲ or ▼ to select **Subtitle And Audio**, and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Subtitle Display** and press ◄ or ► to select **On** or **Off**.
3. Press ▲ or ▼ to select **Subtitle Type** or **Audio Type** and press ◄ or ► to select **Normal** or **Hearing Impaired**.
4. Press ▲ or ▼ to select **Digital Subtitle Language**, **Digital Subtitle Language 2nd**, **Audio Language** or **Audio Language 2nd** and press ◄ or ► to select your preferred language.

Password

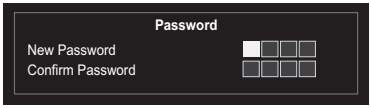
Change the 4-digit parental control password.

The factory default password is “0000”.

1. In the **DTV Settings** menu, press ▲ or ▼ to select **Password**, and press OK to enter the submenu.



2. Enter a new 4-digit password, and re-enter the new password again to confirm.



NOTE: ”0000” cannot be used.

Parental

This function blocks channels or programmes that you do not want to or that you do not want your children to watch.

A password is required to access this function.

The factory default password is “0000”.

NOTE: When **Parental Control** is activated, you will need to enter the 4-digit password before you enter the **DTV Settings** submenu under the **SETUP** menu. After auto tuning, all the channel blocks will be cleared.

1. In the **DTV Settings** menu, press ▲ or ▼ to select **Parental**, and press OK to enter the submenu.
2. Enter the 4-digit password.
3. Press ◄ or ► to set the age rating from age 4~18 or select **None** to turn this function off or **Block All**.

NOTE: This function is available for programmes with Age Rating information.

Standby Channel Update

If the **Standby Channel Update** is set to **On**, when the TV is in standby mode, Digital Tuning is automatically executed and any new channels are saved.

1. In the **DTV Settings** menu, press ▲ or ▼ to select **Standby Channel**.
2. Press ◄ or ► to select **On** or **Off**.

Common Interface

The Common Interface Slot, situated on the side of the television, enables the insertion of a CAM (Conditional Access Module) and card. These are purchased from a service provider and allow additional subscription broadcasts to be viewed. For information, see a service provider.

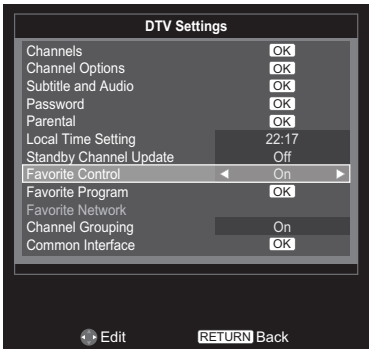
1. Insert the CAM and card into the Common Interface Slot, following the instructions provided with the CAM. A box will appear on the screen to confirm that the CAM has been inserted.
2. In the **DTV Settings** menu, press ▲ or ▼ to select **Common Interface**, and press OK to enter the submenu.
3. Details of the CAM should now be available.

NOTE: The software updating of CI Plus CAM may be automatically executed. At this time, any Recording/Reminder programme timer will be cancelled.

Favorite Control

This function is used to disable or enable the favorite channel list.

1. In the **DTV Settings** menu, press ▲ or ▼ to select **Favorite Control**.
2. Press ◄ or ► to select **On** or **Off**.

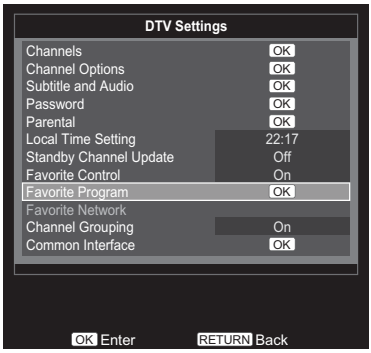


When **Favorite Control** is **On**, the favorite channel list appears when pressing OK.

Favorite Program

The favorite channel list supports maximum 9 favorite channels.

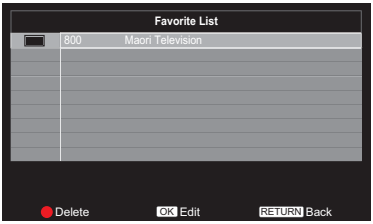
1. In the **DTV Settings** menu, press ▲ or ▼ to select **Favorite Program**, and press OK to enter the submenu.



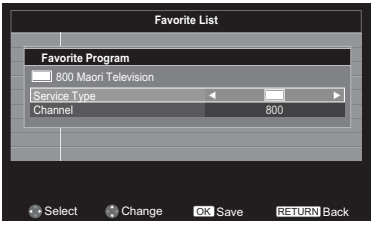
NOTE: Favorite Network function is only available for Norwegian models.

2 Press ▲ or ▼ to select the desired channel and press OK to edit.

NOTE: Press the ■ button on the remote to delete the channel.



3 Press ▲ or ▼ to select **Service Type**, and press ◄ or ► to select (TV), (Radio) or (TEXT).



4 Press ▲ or ▼ to select **Channel**, and press ◄ or ► to select the desired channel.

Press OK to save the settings.

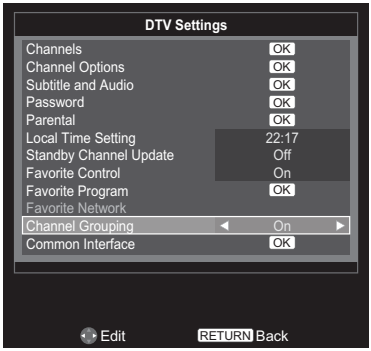
NOTE: The field remains empty once you delete the desired channel.

Channel Grouping

There are Video, Radio and Text services combined in a channel list for DTV services, The function provides the selection of channel change with one service group or among all services by pressing **P** ∧ and **P** ∨.

1 In the **DTV Settings** menu, press ▲ or ▼ to select **Channel Grouping**.

2 Press ◄ or ► to select **On** or **Off**.



3 When **Channel Grouping** is **On**, the channel change by **P** ∧ and **P** ∨ will be within a single service group, press **ATV/DTV** on the remote control can be still used for change services among ATV, DTV Video, DTV Radio and DTV Text.

General Controls

The General Controls will allow you to select channels and information, use the sound controls, personalise the picture style, and select external equipment.

Selecting Channels

To select a channel use the numbered buttons on the remote control.

Channels can also be selected using **P** ∧ and **P** ∨.

Stereo and Bilingual Transmissions

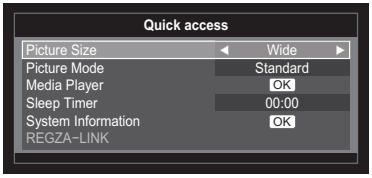
If stereo or dual language broadcasts are transmitted the word Stereo or Dual will appear on the screen each time channels are changed, disappearing after a few seconds. If the broadcast is not in stereo the word Mono will appear.

Stereo: Press ⏀ I/II to select **Stereo** or **Mono**.

Bilingual: If a bilingual programme is offered, the word **Dual** will display on screen. To change between languages, press ⏀ I/II to switch between **Dual 1** and **Dual 2**.

Quick Access Menu

Quick access helps you access some options quickly such as **Picture Size**, **Picture Mode**, **Media Player**, **Sleep timer**, **System Information** and **REGZA-LINK**. Press the **QUICK** button to display the **Quick access** menu and use ▲ or ▼ to select the option you would like to change.



NOTE: Quick access items are different depending on the current mode.

Subtitles

If Subtitles are available for your current programme, pressing the **SUBTITLE** button will toggle Subtitles on or off.

Picture Still

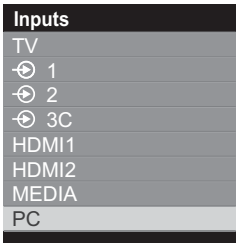
This feature is used to hold a still image on the screen. Press ⏬ to hold an image on the screen, press ⏬ again to cancel.

Input Selection

Use the **Input Selection** feature if the television does not switch over automatically when using an external device.

Pressing ⏀, a list will appear on-screen showing all external equipment.

Use ▲ or ▼ to highlight and ⓞ to select.



HDMI® displays equipment connected to Input HDMI on the back of the television. It is designed for best performance with 1080i/1080p high definition signals.

Sound Controls

Volume Controls and Mute Sound

Volume

Press ◁ or ◁+ to adjust the volume.

Sound Mute

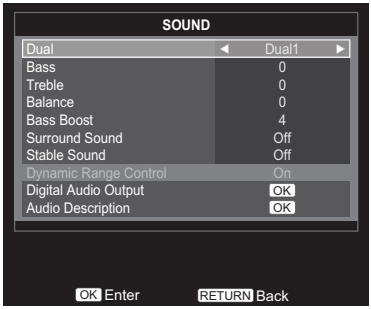
Press 🔇 on the remote once to turn the sound off and again to cancel.

Dual

If a programme or film is being broadcast with a soundtrack in more than one language, the **DUAL** feature allows selection between them.

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **Dual**, and press ◄ or ► to choose between **Dual1** or **Dual2**.



Bass, Treble and Balance

The sound controls are accessible in digital and analogue modes.

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Bass**, **Treble** or **Balance** and press ◄ or ► to change the setting.

Stable Sound

The **Stable Sound** feature limits high volume levels in order to prevent the extreme changes in volume that can occur when channels are changed or a programme switches to a commercial.

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Stable Sound**, and press ◄ or ► to select **On** or **Off**.

Surround Sound

Surround Sound enhances depth of the sound.

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Surround Sound**, and press ◄ or ► to select **On** or **Off**.

Bass Boost

Bass Boost enhances depth of the sound.

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Bass Boost**, and press ◄ or ► to change the setting.

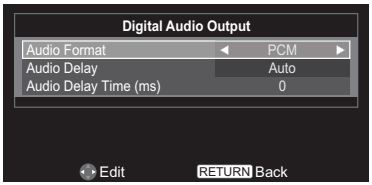
Dynamic Range Control

This feature allows control of audio compression for some digital TV programmes (MPEG-1 and MPEG-2 audio programmes are not supported).

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Dynamic Range Control**, and press ◄ or ► to select **On** or **Off**.

Digital Audio Output

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Digital Audio Output** and press OK to enter the submenu.
3. Press ▲ or ▼ to select **Audio Format**, and press ◄ or ► to select **PCM** or **Auto**.



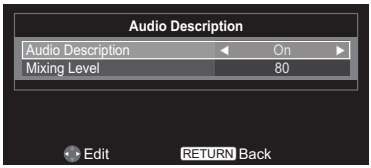
4. Press ▲ or ▼ to select **Audio Delay**, and press ◄ or ► to select **Auto** or **Manual**.
5. Press ▲ or ▼ to select **Audio Delay Time (ms)**, and press ◄ or ► to change the setting.

NOTE: Audio Delay Time (ms) is only available when **Audio Delay** is **Manual**.

Audio Description

Audio Description is an additional narration describing on-screen action, body language, expressions and movements for people with visual disabilities while watching the TV. This function enables you to choose the type of narrations.

1. Press **MENU**. Press ◄ or ► to select **SOUND** and press OK to enter the submenu.
2. Press ▲ or ▼ to select **Audio Description** and press OK to enter the submenu.
3. Press ▲ or ▼ to select **Audio Description**, and press ◄ or ► to select **On** or **Off**.



4. Press ▲ or ▼ to select **Mixing Level**, and press ◄ or ► to change the setting.

NOTE: Mixing Level can only be adjusted when **Audio Description** is **On**.

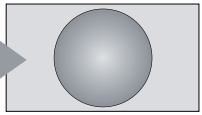
NOTE: Press the **AD** button on the remote control to switch the **Audio Description On** or **Off**.

Widescreen Viewing

Depending on the type of broadcast being transmitted, programmes can be viewed in a number of formats.

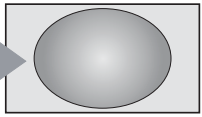
Wide (Expect PC)

Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9, 20:9 etc.) black bars may be visible on the top and bottom of the screen.



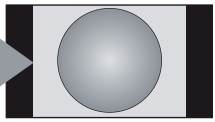
Wide (PC only)

This setting will show the picture without over scan and side panel when watching a PC signal source via HDMI or PC terminal.



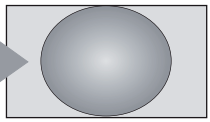
4:3

Use this setting to view a true 4:3 broadcast.



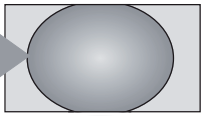
Super Live

This setting will enlarge a 4:3 image to fit the screen by stretching the image horizontally and vertically, holding better proportions at the centre of the image. Some distortion may occur.



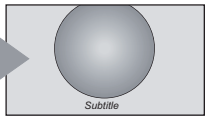
Cinema

When watching letterbox format films/ video tapes, this setting will eliminate or reduce the black bars at the top and bottom of the screen by zooming in and selecting the image without distortion.



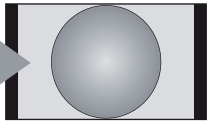
Subtitle

When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed.



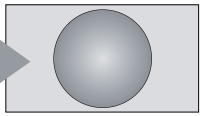
14:9

Use this setting when watching a 14:9 broadcast.



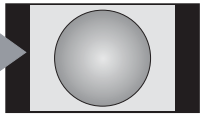
Native

When using a PC connected via HDMI this setting will show the picture without over scan, i.e. WYSIWYG.
This option is only available when watching video signal source via HDMI.



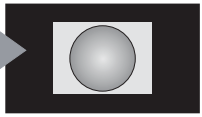
Normal

This setting will show the picture without over scan, i.e. WYSIWYG.
This option is only available when watching a PC signal source via HDMI or PC terminal.

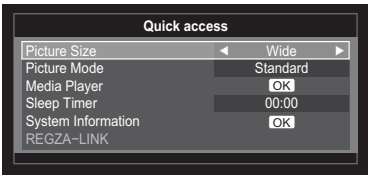


Dot by Dot

"Dot by Dot" is a non-scaling display. Depending on the input signal format, the setting will display the picture with side panels and/or bars at the top and bottom (i.e VGA input source).



Press **QUICK** to display the **Quick access** menu. Use ▲ or ▼ to select the **Picture Size**, and press ◄ or ► to select the option.



You can choose the picture size from Wide, 4:3, Super Live, Cinema, Subtitle, 14:9, Native, Normal or Dot by Dot.

Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws.

Available Picture Size and Position Control

		Wide	4:3	Super Live	Cinema	Subtitle	14:9	Native	Normal	Dot by Dot
ATV		o	o	o	o	o	o	x	x	x
DTV	SD	o	o	o	o	o	o	x	x	x
	HD	o	o	o	o	x	o	o	x	x
Scart		o	o	o	o	o	o	x	x	x
CVBS		o	o	o	o	o	o	x	x	x
YPbPr	SD	o	o	o	o	o	o	x	x	x
	HD	o	o	o	o	x	x	x	x	x
HDMI	SD	o	o	o	o	o	o	o	x	x
	HD	o	o	o	o	x	x	o	x	x
D-SUB		o	x	x	x	x	x	x	o	o
DVI		o	x	x	x	x	x	x	o	o

Picture Controls

Most of the picture controls and functions are available in both **digital** and **analogue** modes.

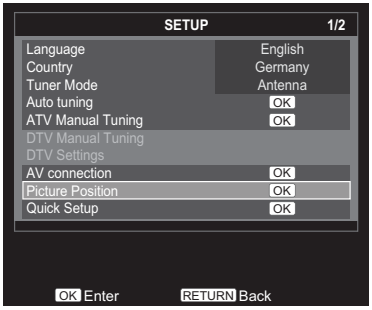
NOTE: Features not available will be greyed out.

Picture Position

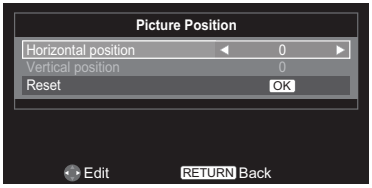
The Picture Position may now be adjusted to suit personal preference.

1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **Picture Position** and press OK to enter the submenu.



3. Press ▲ or ▼ to select an option you want to adjust, and press ◄ or ► to adjust the settings as required.

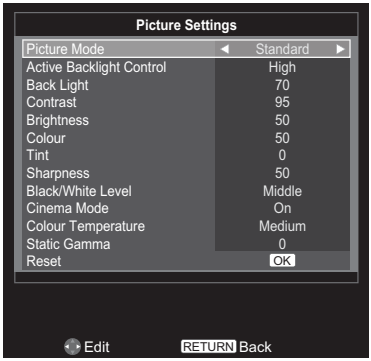


Picture Mode

You can adjust the picture appearance by selecting the preset value in picture mode based on the programme category.

1. Press **MENU**. Press ◄ or ► to select **PICTURE** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **Picture Settings** and press OK to enter the submenu.



3. Press ▲ or ▼ to select **Picture Mode** and press ◄ or ► to select **Dynamic**, **Standard**, **Mild**, **Movie**, **Game** or **User**.

   NOTE: Game is not available for the TV input mode.

Picture Preferences

You can customise current picture mode settings while selecting **User**.

1. In the **Picture Settings** menu, press ▲ or ▼ to select **Back Light**, **Contrast**, **Brightness**, **Colour**, **Tint**, **Sharpness**.

2. Press ◄ or ► to suit your preference.

Black/White Level

This function increases the strength of dark areas of the picture, which improves picture definition.

1. In the **Picture Settings** menu, press ▲ or ▼ to select **Black/White Level**.
2. Press ◄ or ► to adjust the level from **Off**, **Low**, **Middle** or **High**. The effect depends on the broadcast and is most noticeable on dark colours.

Cinema Mode

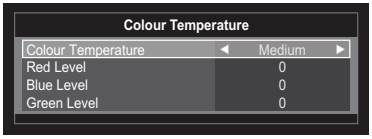
A movie film's picture runs at 24 frames a second, whereas movie software such as DVD, etc., that you enjoy watching on television at home runs at 30 (NTSC) or 25 (PAL) frames a second. To convert this signal to reproduce a smooth motion and picture quality, select the **Cinema Mode**.

1. In the **Picture Settings** menu, press ▲ or ▼ to select **Cinema Mode**.
2. Press ◄ or ► to select **On** or **Off**.

Colour Temperature

Colour Temperature increases the 'warmth' or "coolness" of a picture by increasing the red or blue tint.

1. In the **Picture Settings** menu, press ▲ or ▼ to select **Colour Temperature** and press ►.
2. Press ▲ or ▼ to select **Colour Temperature** and press ◄ or ► to select **Medium**, **Warm** or **Cool** to suit your preference.



3. Press ▲ or ▼ to select **Red Level**, **Blue Level** or **Green Level** and press ◄ or ► to adjust the settings as required.

Static Gamma

The static gamma feature allows you to adjust the levels of black in the picture.

1. In the **Picture Settings** menu, press ▲ or ▼ to select **Static Gamma**.
2. Press ◄ or ► to select the number of **Static Gamma** (-5~+5).

Reset

This feature resets all picture settings to the factory settings.

In the **Picture Settings** menu, press ▲ or ▼ to select **Reset** and press OK to reset settings.

NOTE: If any picture settings have not been changed, **Reset** is not available.

Active Backlight Control

When the **Active Backlight Control** feature is activated, **High** mode will control the backlighting levels depending on various scenes such as picture motion, bright scene or dark scene. **Low** mode will control the backlighting level on dark scene.

1. In the **Picture Settings** menu, press ▲ or ▼ to select **Active Backlight Control**.
2. Press ◄ or ► to select **Off**, **Low** or **High**.

3D Colour Management

When **3D Colour Management** is set to **On**, it allows the **Base Colour Adjustment** feature to become available.

You can adjust the picture colour quality by selecting from 6 base colour adjustments : **Red**, **Green**, **Blue**, **Yellow**, **Magenta** or **Cyan**.

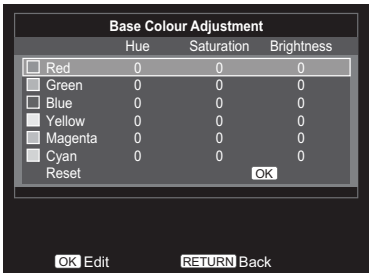
1. In the **PICTURE** menu, press ▲ or ▼ to select **3D Colour Management**.
2. Press ◄ or ► to select **On** or **Off**.

NOTE: When a DVD movie with subtitle is playing back, this mode may not work correctly.

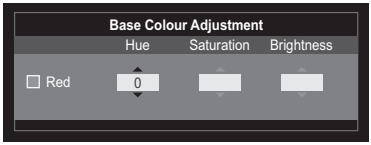
Base Colour Adjustment

The **Base Colour Adjustment** feature allows the adjustment of individual colours to suit personal preference. This can be useful when using an external source. It only can be adjusted when **3D Colour Management** is set to **On**.

1. In the **PICTURE** menu, press ▲ or ▼ to select **Base Colour Adjustment** and press OK to enter the submenu.
2. Press ▲ or ▼ to select an item you want to adjust and press OK.



3. Press ◄ or ► to select **Hue**, **Saturation** or **Brightness**.



4. Press ▲ or ▼ to adjust the settings as required.

NOTE: In the PC Input mode, this function is not available.

Digital Noise Reduction

DNR (Digital Noise Reduction) enables you to “soften” the screen representation of a weak signal to reduce the noise effect.

1. In the **PICTURE** menu, press ▲ or ▼ to select **DNR**.
2. Press ◄ or ► to select **Off**, **Low**, **Middle** or **High**.

NOTE: This function is not available for HDMI input.

MPEG NR – Noise Reduction

When watching a DVD, the compression may cause some words or picture elements to become distorted or pixelated.

Using the **MPEG NR** feature reduces this effect by smoothing out the edges.

1. In the **PICTURE** menu, press ▲ or ▼ to select **MPEG NR**.
2. Press ◄ or ► to select **Off**, **Low**, **Middle** or **High**.

Enjoy Photos through USB Port

The Photo Viewer allows you to playback image files from a USB storage device.

Image	Photo	Resolution (Mstat suggest)	Required DRAM size (Mbytes)	Remark
JPEG	Base-line	15360x8704 (1920x8x1088x8)	3.96	Depends on RAM size
	Progressive	1024x768	6.00	
PNG	non-interface	9600x6400	3.66	
	interface	1200x800	3.66	
BMP		9600x6400	3.66	

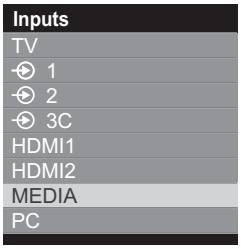
NOTE:

- Resolution is a reference design, limited only by DRAM (Dynamic Random Access Memory) size and performance
- The larger the resolution, the more memory required
- The smaller the resolution, the less performance required (decrease the time required to display a picture)
- A JPEG decoder is a hardware decoder, with a max resolution of 15360 x 8704
- A PNG/BMP decoder is a software decoder (running on a co-processor), with a max resolution that depends on DRAM size

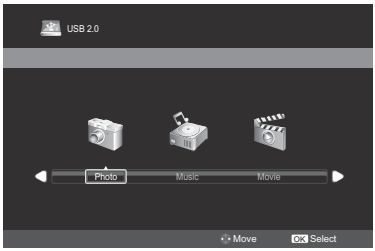
View Photo Files

1 Insert a USB storage device and press ⊕ on the remote.

Use ▲ or ▼ to select **MEDIA** and press OK.

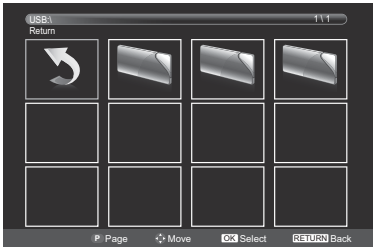


2 Press ◄ or ► to select **Photo** and press OK to enter the submenu.



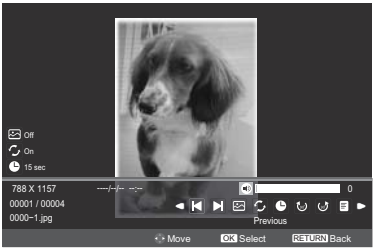
3 Press ▲, ▼, ◄ or ► to select the folder you wish to view and press OK to enter.

Press **P** ∧ or **P** ∨ to page up or down.



4. Press ▲, ▼, ◄ or ► to select the desired photo and press OK to view.

5. Press **MENU** to change the settings when viewing a photo.



Press ◄ or ► to:

- : Go to the previous photo
- : Go to the next photo
- : Select slide show mode
- : Select repeat mode
- : Select the desired interval time
- : Clockwise rotation 90°
- : Counterclockwise rotation 90°
- : Show play list
- : Set the background music
- : Photo information

and press OK to confirm the setting.

Using Slide Show

This view allows you to watch a slide show of the photos. In this view mode, the only content that locates on the same directory shall be played.

1. Press **MENU** to change the settings when viewing a photo.

2. Press ◄ or ► to select and press OK to turn **On** or **Off**.

NOTE: Slide show stops at the last photo in the directory.

Repeat Settings for Slideshow

1. Press **MENU** to change the settings when viewing a photo.

2. Press ◄ or ► to select and press OK to turn **On** or **Off**.

Set Interval Time

1. Press **MENU** to change the settings when viewing a photo.

2. Press ◄ or ► to select and press OK to select the desired interval time (3/5/10/15/30/60/90 Sec).

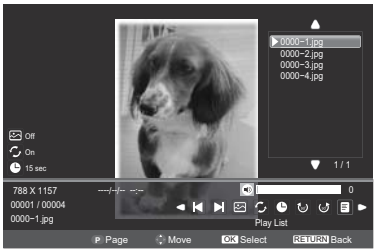
NOTE: If **Repeat** is **On**, slide show starts photo viewing from the first photo in the folder after reaching the final photo.

Using the Play List

1. Press **MENU** to change the settings when viewing a photo.

2. Press ◄ or ► to select and press OK.

3. Press ▲ or ▼ to select a photo and press OK to show the photo.
   Press **RETURN** on the remote to collapse the list.

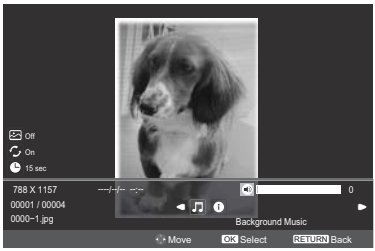


Background Music

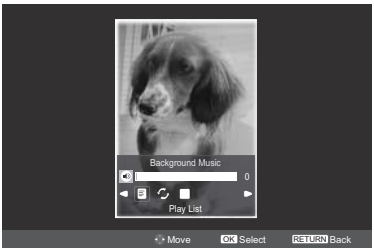
Set the background music when viewing photo.

1. Press **MENU** to change the settings when viewing a photo.

2. Press ◄ or ► to select and press OK.

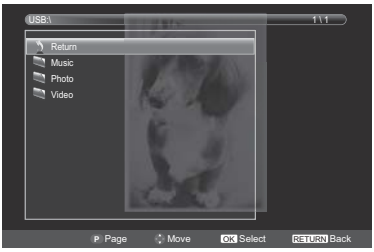


3 Press ◄ or ► to select and press OK.



Press ▲ or ▼ to select music and press OK to play music.

Press **RETURN** on the remote to collapse the list.



4 Press ◄ or ► to select and press OK to select **One** or **Folder**.

Photo Info

Info displays the file status information (content number, photo title, shooting date and time, resolution etc.).

1 Press **MENU** to change the settings when viewing a photo.

2 Press ◄ or ► to select and press OK.

3 The information will be removed by timeout (about 15 sec) or press OK to exit.

Enjoy Music through USB Port

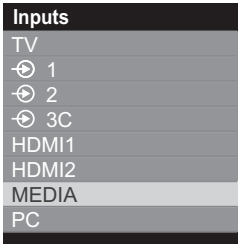
The MP3 Player allows you to playback music files from a USB storage device.

Audio Codec	File Extension	Bit Rate	Remark
MPEG1 Layer2	MP3	32Kbps~ 448Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)	
MPEG1 Layer3	MP3	32Kbps ~ 320Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)	

Play Music Files

1 Insert a USB storage device and press ⏎ on the remote.

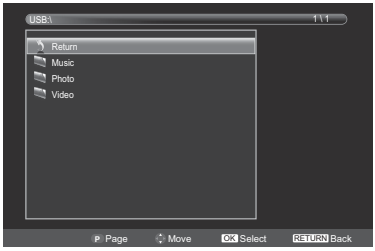
Use ▲ or ▼ to select **MEDIA** and press OK.



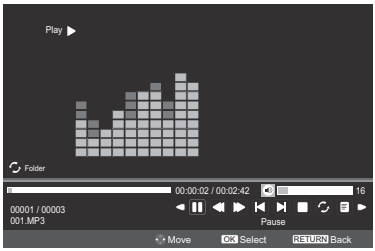
2 Press ◄ or ► to select **Music** and press OK to enter the submenu.

3 Press ▲ or ▼ to select the folder you wish to play and press OK to enter.

Press **P** ∧ or **P** ∨ to page up or down.



4 Press ▲ or ▼ to select the desired music and press OK to play.



When listening music, press ◄ or ► to:

- ⏯: Play or pause the selected music
- ⏪: Rewind the selected music
- ⏩: Fast forward the selected music
- ⏮: Go to the previous music
- ⏭: Go to the next music
- ⏹: Stop play
- 🔁: Select the desired repeat interval:
  - Repeat Off
  - Repeat One: Repeat the selected music once
  - Repeat Folder: Repeat all music files in the selected folder
- ☰: Show play list
- ⓘ: Music information

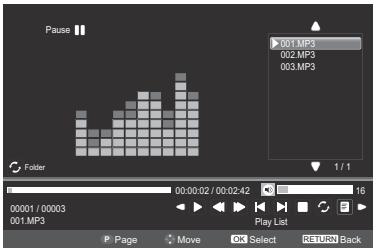
and press OK to confirm the setting.

Repeat Settings

1. Press ◄ or ► to select .
2. Press OK to select **Off**, **One** or **Folder**.

Using the Play List

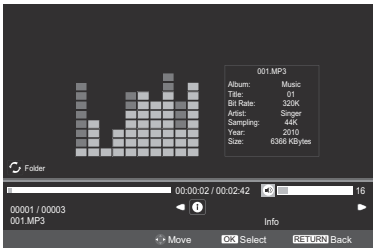
1. Press ◄ or ► to select and press OK.
2. Press ▲ or ▼ to select music and press OK to play music.
   Press **EXIT** on the remote to collapse the list.



Music Info

Info display file status information (content number, music title, Bit Rate, Artist, Sampling, Year, and size).

1. Press ◄ or ► to select and press OK.



2. The information will be removed by time-out (about 15 sec) or press OK to exit.

Enjoy Videos through USB Port

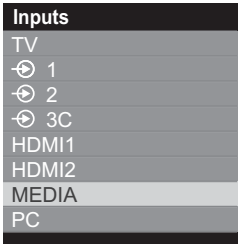
The Video Viewer allows you to playback video files from a USB storage device.

File Extension	Container	Video Codec	SPEC	Bit Rate (Mbit/sec)	Profile	Remark
dat, mpg, mpeg	MPEG	MPEG1 MPEG2	1080P@ 30fps	20	MPEG2: Main Profile@ High Level	MP4: GMC is not supported * Some files may not be played.
ts, trp, tp	MPEG2-TS H.264-TS	H.264 MPEG2	1080P@ 30fps	20	H.264: Main Profile and High Profile@Level 4.0 MPEG2: Main Profile@ High Level	
vob	MPEG2-PS	MPEG2	1080P@ 30fps	20	MPEG2: Main Profile@ High Level	
mp4, m4v	MP4	H.264 MPEG4	1080P@ 30fps	20	H.264: Main Profile and High Profile@Level 4.0 MPEG4: Simple Profile and Advanced Simple Profile@Level 5	
mkv	MKV	H.264 MPEG1 MPEG2 MPEG4	1080P@ 30fps	20	H264: Main Profile and High Profile@Level 4.0 MPEG2: Main Profile@ High Level MPEG4: Simple Profile and Advanced Simple Profile@Level 5	
divx, div	AVI(1.0, 2.0) DMF0,1,2	DivX 3.11 DivX 4.12 DivX 5.x DivX 6	1080P@ 30fps	20	MPEG4: Simple Profile and Advanced Simple Profile	
avi	AVI(1.0, 2.0) DMF0,1,2	H.264 MPEG1 MPEG2 MPEG4 DivX 3.11 DivX 4.12 DivX 5.x DivX 6	1080P@ 30fps	20	H.264: Main Profile and High Profile@Level 4.0 MPEG2: Main Profile@ High Profile MPEG4: Simple Profile and Advanced Simple Profile@Level 5	
	AVI(1.0, 2.0)	MJPG (Motion JPEG)	640x480@ 30fps	10		
flv	flash formats	H.264 Sorenson H.263	1080P@ 30fps	20	H.264: Main Profile and High Profile@Level 4.0	

Play Video Files

1 Insert a USB storage device and press ⊕ on the remote.

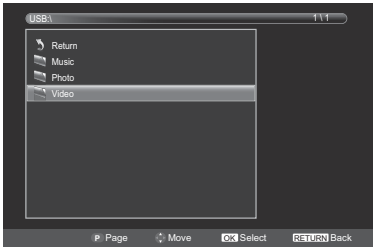
Use ▲ or ▼ to select **MEDIA** and press OK.



2 Press ◄ or ► to select **Movie** and press OK to enter the submenu.

3 Press ▲ or ▼ to select the folder you wish to view and press OK to enter.

Press **P** ∧ or **P** ∨ to page up or down.



4 Press ▲ or ▼ to select the desired video and press OK to play.

5 Press **MENU** to change the settings when viewing a video.

Press ◄ or ► to:

- ▶/⏸: Play or pause the selected video
- ⏪: Fast back the selected video
- ⏩: Fast forward the selected video
- ⏮: Go to the previous video
- ⏭: Go to the next video
- ⏹: Stop play
- 🔁: Select the desired repeat interval:
  - Repeat Off
  - Repeat One: Repeat the selected video once
  - Repeat Folder: Repeat all video files in the selected folder
- 🔂: Repeat from A to B
  - Set A: A-Set
    Repeat and Start
  - Set B: B-Set
    Repeat and repeat from A to B
- ☰: Show play list
- ℹ: Video information
- ⏩: Slow forward the selected video
- ⏭: Step forward the selected video
- 🖼: Aspect Ratio
- 🖼: Picture Mode
- 🕒: Allows you to input a search time

and press OK to confirm the setting.

Repeat Settings

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK to select **Off**, **One** or **Folder**.

Set

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK to select **Set A**, **Set B** or **None**.

Using the Play List

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK.
3. Press ▲ or ▼ to select a video and press OK to play the video.

   Press **RETURN** on the remote to collapse the list.

Slow Forward

The feature changes forward speeds.

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK to select **SF2X**, **SF4X**, **SF8X**, **SF16X** or **Play**.

Step Forward

The feature allows you to view a video one frame at a time.

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK to play step by step.

Video Info

Info display file status information (content number, video title, audio track, subtitle, program, size, etc.).

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK.

3. The information will be removed by time-out (about 15 sec) or press OK to exit.

Aspect Ratio

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK to select **Native**, **4:3** or **16:9**.

Picture Mode

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK to select **Standard**, **Mild**, **Movie** or **Dynamic**.

Goto Time

The feature allows you to view a selected time during the video.

1. Press **MENU** to change the settings when viewing a video.
2. Press ◄ or ► to select and press OK.
3. Use the number key pad on the remote to enter time. Press OK to go to the input time.

REGZA-LINK Controls

This feature uses CEC (Consumer Electronics Control) technology, and allows the control of Toshiba **REGZA-LINK** compatible equipment from the television's remote control.

NOTE: Not all Toshiba products currently support **REGZA-LINK**.

Equipment Control

The **REGZA-LINK** mode on the television's remote control allows the control of connected **REGZA-LINK** equipment being watched.

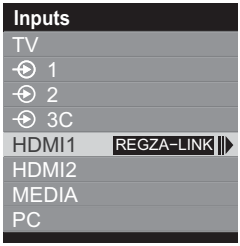
To control the **REGZA-LINK** input source, first select the equipment with **REGZA-LINK** input source selection, then switch the mode on the remote control to **REGZA-LINK** and press any buttons.

The available functions are dependent on the equipment connected. Not all the remote control keys may be available. Please refer to the operation manual for each piece of equipment connected.

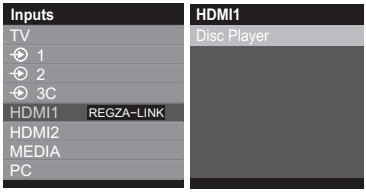
NOTE: The television features that can be controlled by the connected equipment are: Standby, Volume and Sound Mute.

Select REGZA-LINK Device

1. Press ⊕. A list appears on screen showing modes and all stored external equipment.
2. The **REGZA-LINK** icon appears automatically after detected with **REGZA-LINK** compatible equipment. Press ▼ to highlight the input source shown with the **REGZA-LINK** icon.



3. Press ►. and the device selection menu appears showing all connected **REGZA-LINK** equipment.
4. Press ▲ or ▼ to highlight the desired **REGZA-LINK** equipment, and then press OK to select.



REGZA-LINK Menus

By activating the Enable REGZA-LINK feature in the **REGZA-LINK Setup** menu, individual **REGZA-LINK** features can then be activated.

One Touch Play

The function of **REGZA-LINK** will automatically power on the television that was in standby mode and switch the television's input source to the port connected with the audio/video equipment by powering-on or playing from the audio/video equipment.

NOTE: This feature is dependent on the connected equipment and television setting.

System Standby

This feature automatically switches the connected equipment into standby when the television goes into standby and conversely for the television to switch into standby when connected equipment goes into standby. It is selected in the **REGZA-LINK Setup** menu.

NOTE: This feature is dependent on the connected equipment and television setting.

System Audio Control

Using the Speaker Preference feature allows the television's remote control to adjust the volume or mute the sound of the speakers connected to the television via an AV amplifier.

Ensure that the connected AV amplifier and **REGZA-LINK** equipment are selected in the input source selection and that the **Speaker Preference** is set to **Audio Receiver** in the **REGZA-LINK Setup** menu.

NOTE: When the AV Amplifier is switched on, its input source changed or the volume adjusted, the sound will be output from the AV Amplifier's speakers even if TV speakers has been selected. Turn the television off then on again to output the sound from the TV's speakers.

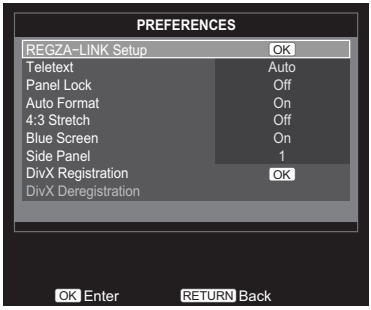
The full function may not work and is dependent on the amplifier being used.

Enable REGZA-LINK

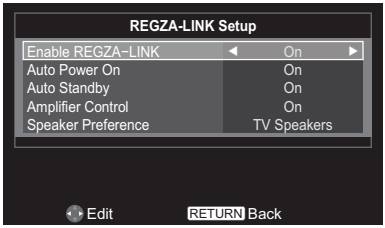
When the **Enable REGZA-LINK** is set to **On**, it allows the other functions to be enabled.

1 Press **MENU**. Press ◄ or ► to select **PREFERENCES** and press OK to enter the submenu.

2 Press ▲ or ▼ to select **REGZA-LINK Setup**, and press OK to enter the submenu.



3 Press ▲ or ▼ to select **Enable REGZA-LINK**, and press ◄ or ► to select **On** or **Off**.



Auto Power On

The **Auto Power On** setting allows the television to be automatically switched On or Off if a **REGZA-LINK** device is turned on or off.

1. In the **REGZA-LINK Setup** menu, press ▲ or ▼ to select **Auto Power On**.
2. Press ◄ or ► to select **On** or **Off**.

Auto Standby

When the **Auto Standby** is enabled, switching off the television will automatically switch off all connected **REGZA-LINK** equipment.

1. In the **REGZA-LINK Setup** menu, press ▲ or ▼ to select **Auto Standby**.
2. Press ◄ or ► to select **On** or **Off**.

Amplifier Control

When **Amplifier Control** is set to **On**, it allows the **Speaker Preference** feature to become available.

1. In the **REGZA-LINK Setup** menu, press ▲ or ▼ to select **Amplifier Control**.
2. Press ◄ or ► to select **On** or **Off**.

Speaker Preference

This feature allows the audio output preference to be set to the TV speakers or Amplifier speakers. The Amplifier option lets the television's remote control adjust or mute the volume of the audio.

1. In the **REGZA-LINK Setup** menu, press ▲ or ▼ to select **Speaker Preference** when **Amplifier Control** is **On**.
2. Press ◄ or ► to select **TV Speakers** or **Amplifier**.

NOTE: This function is only available when the TV is connected to audio receivers that support CEC function.

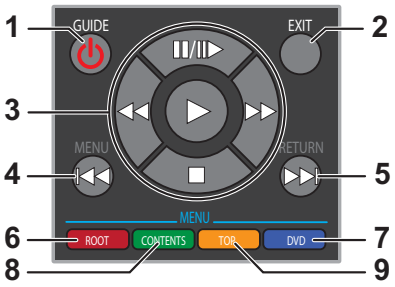
REGZA-LINK Playback Device Control

This is a new feature that uses CEC technology and allows you to control **REGZA-LINK** compatible devices from the TV remote control via HDMI connection.

When there are two or more **REGZA-LINK** devices connected to the television, the device selection menu appears. Highlight the desired device, and then press ⓞ to select.

Remote Control

Pass-Through Control Panel



NOTE:

- Press ▲ or ▼ to select **REGZA-LINK** in the **Quick access** menu, and then press ⓞ. The **Pass-Through Control Panel** appears.
- Some functions are only available when the **Pass-Through Control Panel** is displayed on the screen. Please refer to the following procedure.
- Please refer to the **Remote Control** image and the following table for the key definitions of the **Pass-Through Control Panel**.
- **MENU** and **RETURN** buttons on the remote control are unavailable when the **Pass-Through Control Panel** is on.

No	Item	Description
1	**GUIDE**	Turn off the desired **REGZA-LINK** device.
2	**EXIT**	Close the **Pass-Through Control Panel**.
3	In contents menu:	
	▲, ▼, ◄, ►	Navigate contents menu.
	ⓞ	Enter contents menu, ect.
	When viewing the video:	
	▲	Pause.
	▼	Stop.
	◄	Rewind.
	►	Forward.
	ⓞ	Play.
4	**MENU**	Skip Reverse.
5	**RETURN**	Skip Forward.
6	**ROOT**	Root key.
7	**DVD**	DVD key.
8	**CONTENTS**	Contents key.
9	**TOP**	Top key.

NOTE: These functions depend on the devices connected.

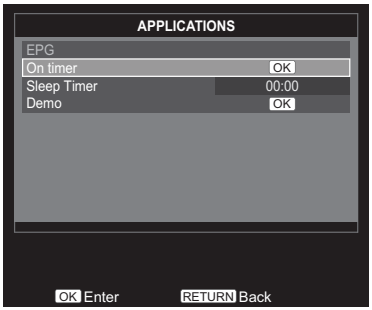
Preference Controls

On Timer

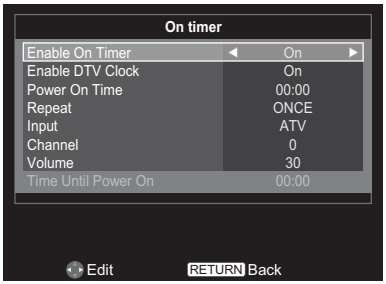
This feature allows you to set the television to turn on automatically to a preset channel at a certain time of day or after a certain length of time. When **On timer** is set to **On**, the green On Timer indicator on the front of the television is lit.

1. Press **MENU**. Press ◄ or ► to select **APPLICATIONS** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **On timer** and press OK to enter the submenu.



3. Press ▲ or ▼ to select **Enable On Timer** and press ◄ or ► to select **On** or **Off**.



NOTE: The settings are only available when **Enable On Timer** is **On**.

4. Press ▲ or ▼ to select **Enable DTV Clock** and press ◄ or ► to select **On** or **Off**.

NOTE: **Power On Time** and **Repeat** are only available when **Enable DTV Clock** is **On**.

5. Press ▲ or ▼ to select **Power On Time** and press ◄ or ► or use the number key pad on the remote to enter the time.

6. Press ▲ or ▼ to select **Repeat** and press ◄ or ► to select **ONCE**, **DAILY**, **Mon.~Fri.**, **Mon.~Sat.** or **Sat.~Sun**.

7. Press ▲ or ▼ to select **Input** and press ◄ or ► to select **ATV**, **EXT 1**, **EXT 2**, **EXT 3**, **HDMI 1**, **HDMI 2**, **PC** or **DTV**.

8. Press ▲ or ▼ to select **Channel** and press ◄ or ► to change the channel number or use the number key pad on the remote to enter the channel number.

NOTE:

- **Channel** is only available when the **Input** is **ATV** or **DTV**.
- Blank screen will appear if not tuned.

9. Press ▲ or ▼ to select **Volume** and press ◄ or ► to modify the volume, or use the number key pad on the remote to enter the volume.

10. Press ▲ or ▼ to select **Time Until Power On** and press ◄ or ► or use the number key pad on the remote to enter the time for the TV to turn on automatically.

NOTE: **Time Until Power On** is only available when **Enable DTV Clock** is **Off**.

Sleep Timer

The television can be set to turn itself Off after a certain length of time.

1. Press **MENU** and press ◄ or ► to select **APPLICATIONS**.

2. Press ▲ or ▼ to select **Sleep Timer** (Turn off the TV).

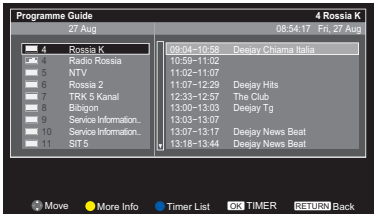
3. Press ◄ or ► to modify the time the TV should turn off, or use the number key pad on the remote to enter the time.

EPG

EPG (Electronic Programme Guide) supports 9 sets of timers. You can set or cancel a timer for a selected programme within the guide. When the TV is on and the timer activates, a dialogue box is shown informing you that the programme is about to start. When the TV is in standby mode and the timer activates, the TV will wake up with backlight off, speaker mute on, and change to the channel selected.

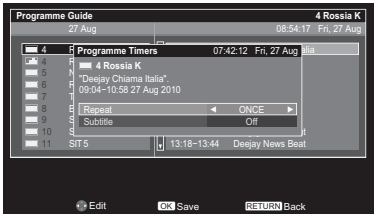
You must set the time correctly before using this function. All set timers are cleared when performing a new channel scan.

1 Press **GUIDE** on the remote to display the **Programme Guide**.



2 Press ▲ or ▼ to select the desired channel and press OK to enter the programme schedule.

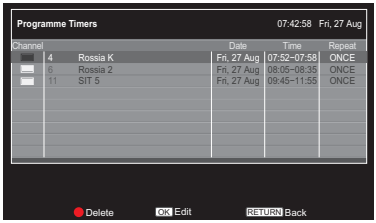
3 Press ▲ or ▼ to select the desired programme and press OK to enter the **TIMER** menu.



Press ▲ or ▼ to select **Repeat** or Subtitle and press ◄ or ► to adjust the settings as required.

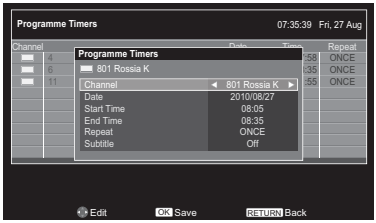
Press OK to save the settings.

4 Press the blue button on the remote to enter the **Timer List** menu.



5 Press ▲ or ▼ to select the desired programme and press OK to edit.

NOTE: Press the red button on the remote to delete the timer.



Press ▲ or ▼ to select **Channel**, **Date**, **Start Time**, **End Time**, **Repeat** or **Subtitle** and press ◄ or ► to adjust the settings as required.

Press OK to save the settings.

NOTE:

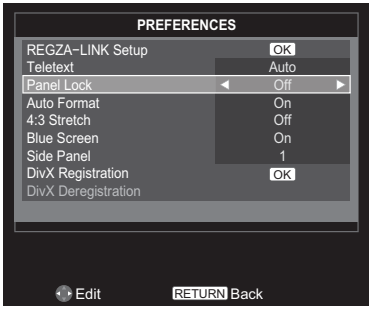
- When the timer is set, the Timer LED on the front panel lights on.
- After adjustment, the TV clock may not match the time in the EPG Programme Guide. The EPG Programme Guide time follows the broadcast stream time which can not be adjusted.

Panel Lock

Panel Lock disables the buttons on the television. All buttons on the remote control can still be used.

1. Press **MENU**. Press ◄ or ► to select **PREFERENCES** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **Panel Lock** and press ◄ or ► to select **On** or **Off**.



When **Panel Lock** is **On**, a reminder will appear when the buttons on the television are pressed. If the standby button is pressed the television will switch off and can only be brought out of standby by using the remote control.

Auto Format (Widescreen)

When this television receives a true Widescreen picture and Auto format is On, it will automatically be displayed in Widescreen format, irrespective of the television's previous setting.

1. In the **PREFERENCES** menu, press ▲ or ▼ to select **Auto Format**.

2. Press ◄ or ► to select **On** or **Off**.

4:3 Stretch

When **4:3 Stretch** is activated, this function will switch 4:3 format programmes into a full screen picture.

1. In the **PREFERENCES** menu, press ▲ or ▼ to select **4:3 Stretch**.

2. Press ◄ or ► to select **On** or **Off**.

NOTE: In HDMI signal format, this function is available.

Blue Screen

When **Blue Screen** is selected, the screen will turn blue when no signal is received.

1. In the **PREFERENCES** menu, press ▲ or ▼ to select **Blue Screen**.

2. Press ◄ or ► to select **On** or **Off**.

NOTE: This function is not available in DTV mode.

Side Panel

The **Side Panel** feature lightens or darkens the band each side of the screen when in 4:3 or 14:9 format. This helps prevent image retention of the band and can also make viewing in bright or dark conditions more comfortable.

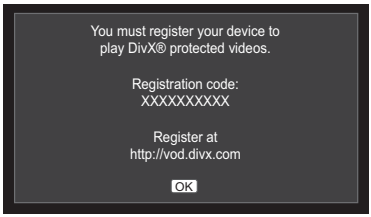
1. In the **PREFERENCES** menu, press ▲ or ▼ to select **Side Panel**.

2. Press ◄ or ► to adjust the settings as required.

DivX Registration

View the registration code that is required to play video files that are compatible with the DivX® VOD (Video On Demand) service on the TV. DivX® VOD is a video delivery service that lets you rent or purchase video content recorded in DivX® format. To play video files that are compatible with the DivX® VOD service, the TV needs to be registered as a DivX® player.

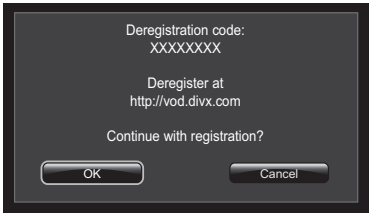
In the **PREFERENCES** menu, press ▲ or ▼ to select **DivX Registration** and press OK.



DivX Deregistration

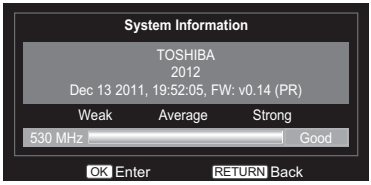
In the **PREFERENCES** menu, press ▲ or ▼ to select **DivX Deregistration** and press OK to delete the registration.

Press ◄ or ► to select **OK** to confirm or select **Cancel** to exit and press OK.



System Information

In the **SETUP** menu, press ▲ or ▼ to select **System Information** and press OK to display the model information and firmware version.

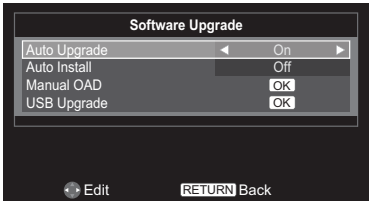


System Upgrade

1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

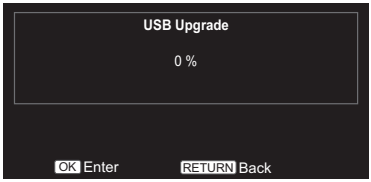
2. Press ▲ or ▼ to select **System Upgrade** and press OK to enter the submenu.

3. Press ▲ or ▼ to select **Auto Upgrade** and press ◄ or ► to select **On** or **Off**.



4. Insert a USB storage device.

   Press ▲ or ▼ to select **USB Upgrade** and press OK to start upgrading the firmware.



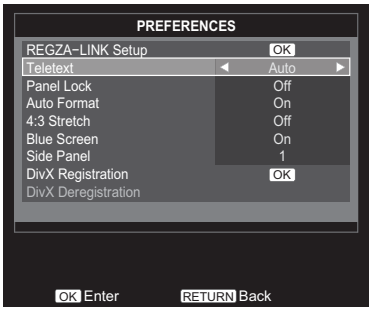
NOTE: Firmware upgrading is suggested to be done by the professional service personnel.

Text Services and Text Information

This television has a multi-page text memory, which takes a few moments to load.

Setting the Modes

1 In the **PREFERENCES** menu, press ▲ or ▼ to select **Teletext**.



2 Press ◄ or ► to select **Auto** or **LIST**.

Navigating Pages using Auto

If Fastext is available, four coloured titles will appear at the base of the screen.

To access one of the four given subjects, press the relevant coloured button on the remote control.

For further information on your particular text system(s), see the broadcast text index page or, consult your local Toshiba dealer.

Navigating Pages using LIST

If Fastext is available, four coloured titles with numbers 100, 200, 300 and 400 have been programmed into the television's memory.

To view these pages press the relevant coloured buttons.

To change these stored pages press the relevant coloured button and enter a new 3 digit number. This number will change in the top left of the screen and in the coloured highlight. Press OK to store. The bars at the bottom of the screen will flash white. Whenever OK is pressed all four page numbers showing at the bottom will be stored and the previous ones will be lost.

If OK is not pressed the selection will be forgotten when text is cancelled.

Other pages may be viewed by entering the 3 digit page number – but DO NOT press OK or these pages will be stored.

Control Buttons

Below is a guide to the functions of the remote control text buttons.

Displays the index/initial page:

Press to access the index/initial page. The page displayed is dependant on the broadcaster.

Reveals concealed text:

To discover the solutions on quiz and joke pages press the button.

Holds a wanted page:

At times it is convenient to hold a page of text.

Press and will appear in the top left of the screen. The page will be held on-screen until the button is pressed again.

Enlarges the text display size:

Press once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to normal size.

Selects a page while viewing a normal picture:

Enter the page number then press , a normal picture will be displayed. The television will indicate when the page is present by displaying the page number at the top of the screen.

To display news flashes:

Select the news flash page for the chosen text service (see the index page of your text service).

By pressing , news flashes will be displayed as and when they are broadcast. Press again to cancel the display.

How to change the page:

Press ▲ or ▼ to change the page.

Press ◄ or ► to change the sub page when a sub page is available.

The news flash page must be cancelled before changing channels.

PC Settings

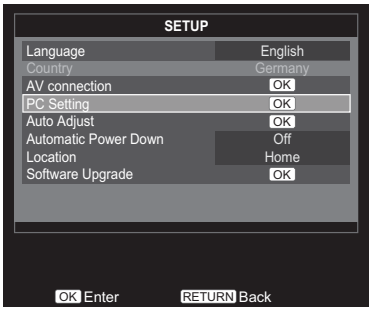
- Most of the picture controls and functions are available. However features not available will be greyed out.
- In the PC input mode, the **Manual Setting** is not displayed.
- First press ⊕ until the video input mode list appears on the screen, then press ▲ or ▼ and OK in order to select the PC input mode.
- This function may not be available for some signal or if no signal is received.
- The optimum points of the clock phase and sampling clock adjustments may be incomprehensible according to the input signals.

Horizontal and Vertical Position

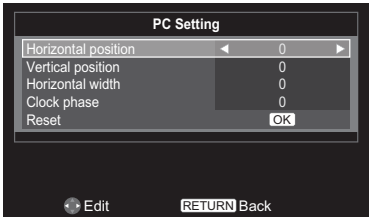
Connect the PC (as shown in the "Connecting a Computer" section) and ensure that a picture is showing on the television screen. The picture position may now be adjusted to suit personal preference.

1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **PC Setting**, and press OK to enter the submenu.



3. Press ▲ or ▼ to select **Horizontal Position** or **Vertical Position** and press ◄ or ► to adjust the settings as required.



Horizontal Width

1. In the **PC Setting** menu, press ▲ or ▼ to select **Horizontal width**.
2. Press ◄ or ► to adjust the settings as required.

Clock Phase

The **Clock phase** matches the PC signal with the LCD display.

Adjusting this can clear horizontal stripes and picture blur.

1. In the **PC Setting** menu, press ▲ or ▼ to select **Clock phase**.
2. Press ◄ or ► to obtain a clear picture.

Reset

This feature resets all PC settings to the factory settings.

NOTE: If any PC settings have not been changed, **Reset** is not available.

1. In the **PC Setting** menu, press ▲ or ▼ to select **Reset**.
2. Press OK.

NOTE:

- When a PC is connected using HDMI none of these functions will be available.
- The screen is disrupted momentarily when adjusting PC setting. This is not a sign of malfunction.
- The default settings and adjustment ranges may vary depending on the input signal format.

Input Selection and AV Connections

Use the Input Selection feature if the television does not switch over automatically when using an external device.

Lip Sync Mode

This option activates an auto audio/video display timing adjustment function that allows HDMI source devices to accurately perform synchronization automatically.

All of the above HDMI settings require a proper HDMI source device.

If HDMI source products do not support these functions, the TV may not work properly when activating these functions.

NOTE:

- In a non-HDMI signal mode, this function is not available.
- In your HDMI connection is capable of 1080p and/or your TV is capable of refresh rates greater than 60Hz or supports Deep Colour, you will need a Category2 cable. Conventional HDMI/DVI cables may not work properly with this mode.

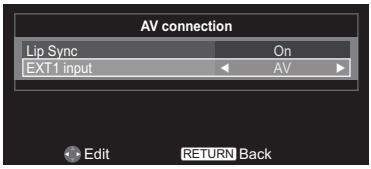
Input Signal Selection

You can select source of **AV** or **S-VIDEO** from this function.

1. Press **MENU**. Press ◄ or ► to select **SETUP** and press OK to enter the submenu.

2. Press ▲ or ▼ to select **AV connection**, and press OK to enter the submenu.

3. Press ▲ or ▼ to select **EXT1 input** and press ◄ or ► to select **AV** or **S-VIDEO**.



Specifications and Accessories

- This television complies with the specification listed below.

DVB-T Broadcast systems/ channels		**Broadcast systems/channels**	
UK	UHF 21-68	PAL-I	UHF UK21-UK69
France	VHF 05-10 (VHF 01-05) UHF 21-69	PAL-B/G	UHF E21-E69 VHF E2-E12, S1-S41
Germany	VHF 05-12 UHF 21-69	SECAM-L	UHF F21-F69 VHF F1-F10, B-Q
Austria	VHF 05-12 UHF 21-69	SECAM-D/K	UHF R21-R69 VHF R1-R12
Switzerland	VHF 05-12 UHF 21-69		
Italian	VHF 05-12 (D,E,F,G,H,H1,H2) UHF 21-69		
Spain	UHF 21-69		
Nederlands	VHF 05-12 UHF 21-69		
Sweden	VHF 05-12 UHF 21-69		
Finland	VHF 05-12 UHF 21-69		
Greece	VHF 05-12 UHF 21-69		
Video Input	PAL, SECAM, NTSC 3.58/4.43		

External connections

EXT1	Input/Output	21-pin SCART	Auto, Mixed, RGB, Composite, S-Vídeo / TV Out
EXT2/EXT3	Input	RCA jacks RCA jacks	(EXIT2) Video (EXIT3) Y, $P_B/C_B/P_R/C_R$
RGB/PC	Input	D-sub	RGB
HDMI 1/2	Input	HDMI®	
Audio			
EXT2/EXT3		RCA jacks	Audio L + R (shared)
Digital Audio		Output (S/PDIF)	Coaxial
USB Port	Interface version: USB Class: File system:	USB 2.0 USB Flash Driver FAT32	

Stereo	Nicam 2 Carrier System

Energy efficiency Class	32AV93*B	B Class
	32LV93*B	B Class
	40LV93*B	B Class
	26EL93*B	A Class
	32EL93*B	A+ Class
	32HL93*B	A+ Class
	40HL93*B	A+ Class

Visible Screen Size (approx.)	32AV93*B	80cm
	32LV93*B	80cm
	40LV93*B	102cm
	26EL93*B	66cm
	32EL93*B	80cm
	32HL93*B	80cm
	40HL93*B	102cm
On mode power consumption** (approx.)	32AV93*B	55.9W
	32LV93*B	54.5W
	40LV93*B	87.2W
	26EL93*B	27.0W
	32EL93*B	29.6W
	32HL93*B	31.5W
	40HL93*B	46.8W
Annual power consumption*** (approx.)	32AV93*B	81.6KWh/y
	32LV93*B	79.6KWh/y
	40LV93*B	127.3KWh/y
	26EL93*B	39.4KWh/y
	32EL93*B	43.3KWh/y
	32HL93*B	46.0KWh/y
	40HL93*B	68.3KWh/y

** Tested in accordance with IEC 62087-BD Ed. 2.0:2008 in default settings.
*** Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

Standby power consumption (approx.)	32AV93*B	<0.3W
	32LV93*B	<0.3W
	40LV93*B	<0.3W
	26EL93*B	<0.3W
	32EL93*B	<0.3W
	32HL93*B	<0.3W
	40HL93*B	<0.3W
Screen Resolution (pixels)	32AV93*B	1366 x 768
	32LV93*B	1920 x 1080
	40LV93*B	1920 x 1080
	26EL93*B	1366 x 768
	32EL93*B	1366 x 768
	32HL93*B	1920 x 1080
	40HL93*B	1920 x 1080
Display	16:9	
Sound Output (At 10% Distortion)	32AV93*B	5W + 5W
	32LV93*B	5W + 5W
	40LV93*B	7W + 7W
	26EL93*B	5W + 5W
	32EL93*B	5W + 5W
	32HL93*B	5W + 5W
	40HL93*B	7W + 7W

Power consumption (approx.)		32AV93*B	130W
		32LV93*B	126W
		40LV93*B	218W
		26EL93*B	60W
		32EL93*B	68W
		32HL93*B	76W
		40HL93*B	101W
Weight (approx.)	**TV with stand**	32AV93*B	9.5kg
		32LV93*B	9.0kg
		40LV93*B	14.0kg
		26EL93*B	6.0kg
		32EL93*B	9.0kg
		32HL93*B	9.5kg
		40HL93*B	14.5kg
	Gross weight	32AV93*B	12.5kg
		32LV93*B	12.5kg
		40LV93*B	18.5kg
		26EL93*B	8.5kg
		32EL93*B	12.5kg
		32HL93*B	12.5kg
		40HL93*B	18.5kg
	TV without stand	32AV93*B	8.7kg
		32LV93*B	8.2kg
		40LV93*B	13.0kg
		26EL93*B	5.5kg
		32EL93*B	8.5kg
		32HL93*B	8.9kg
		40HL93*B	13.7kg
Dimensions (H x W x D mm) (approx.)		32AV93*B	785 x 528 x 205
		32LV93*B	785 x 528 x 205
		40LV93*B	980 x 641 x 240
		26EL93*B	620 x 426 x 175
		32EL93*B	746 x 507 x 205
		32HL93*B	736 x 497 x 205
		40HL93*B	924 x 604 x 225

Headphone Socket R3.5mm stereo

Operating Conditions Temperature: 5°C - 35°C (41°F - 94°F)
Humidity: 20% - 80% (non-condensing)

Accessories Remote control
2 batteries (AAA, IEC R03 1.5V)
User Manual

REMEMBER

IF YOU ARE EXPERIENCING ANY DIFFICULTIES PLEASE VISIT **WWW.TOSHIBA.CO.UK/TV-DVD-SUPPORT**

OR CONTACT THE TOSHIBA CUSTOMER HELPLINE ON **0844 856 0730**

Register your TV online at:
www.toshiba.co.uk/registration

Specification is subject to change without notice.

License Information

- *Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.*

- *HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.*

- *MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.*

- *THIS PRODUCT IS LICENSED UNDER THE MPEG-4 VISUAL PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NONCOMMERCIAL USE OF A CONSUMER FOR (i) ENCODING VIDEO IN COMPLIANCE WITH THE MPEG-4 VISUAL STANDARD ("MPEG-4 VIDEO") AND/OR (ii) DECODING MPEG-4 VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NON-COMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSE BY MPEG LA TO PROVIDE MPEG-4 VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION INCLUDING THAT RELATING TO PROMOTIONAL, INTERNAL AND COMMERCIAL USES AND LICENSING MAY BE OBTAINED FROM MPEG LA, L.L.C. SEE HTTP://WWW.MPEGLA.COM*

- *THIS PRODUCT IS LICENSED UNDER THE AVC PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NON-COMMERCIAL USE OF A CONSUMER TO (i)ENCODE VIDEO IN COMPLIANCE WITH THE AVC STANDARD ("AVC VIDEO) AND/OR (ii)DECODE AVC VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NON-COMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE AVC VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE ADDITIONAL INFORMATION MAY BE OBTAINED FROM MPEG LLA,L.L.C SEE HTTP://WWW.MPEGLA.COM*

- *DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.*

  Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274

  ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

  ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx. com for more information on how to complete your registration.

Cleaning the screen and cabinet…

Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you do not use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

Disposal…

The following information is only for EU-member states:

Disposal of products

The crossed out wheeled dust bin symbol indicates that products must be collected and disposed of separately from household waste. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centres.
The black bar indicates that the product was placed on the market after August 13, 2005. By participating in separate collection of products and batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.
For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.

Disposal of batteries and/or accumulators

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.
If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol. By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.
For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.

In conformity with the EEE Regulation.

EU Conformity Statement

CE

"This product is marked with "CE" and complies therefore with the applicable harmonized European standards listed under the Low Voltage Directive 2006/95/EC and the EMC Directive 2004/108/EC."

Responsible for CE-marking is TOSHIBA EUROPE GMBH
Hammfelddamm 8 D41460 Neuss. Germany

DVB is a registered trademark of the DVB Project

© TOSHIBA Television Central Europe Sp. z o.o. 2012
All rights reserved.
Reproduction in whole or part without written permission is strictly prohibited.

TOSHIBA Television Central Europe Sp. z o.o.
ul. Pokoju 1, Biskupice Podgórne, 55-040 Kobierzyce, Poland
Specification is subject to change without notice.

© **TOSHIBA Television Central Europe Sp. z o.o. 2012**
All rights reserved.
Reproduction in whole or part without written permission is strictly prohibited.

TOSHIBA Television Central Europe Sp. z o.o.
ul. Pokoju 1, Biskupice Podgórne, 55-040 Kobierzyce, Poland
Specification is subject to change without notice.